



ENGINEER YOUR CAREER

Information from Industry for Student Engineers

WINTER 2023



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ARE YOU?

Join KiwiRail and help shape the future of New Zealand.

OPPORTUNITIES AVAILABLE FOR GRADUATE ENGINEERS

Engineering Infrastructure

The Engineering Infrastructure team help our internal teams and external customers achieve success in their projects and challenges. You will be involved in the design, maintenance and upgrades of KiwiRail's assets. The Graduate programme allows you to rotate through each sub-discipline within your field to gain a well-rounded education and determine where your talents are best utilised. Gaining experience both technical and onsite skills.

- Eligible Degrees:**
Bachelor of Engineering in:
- Civil
 - Structural
 - Electrical
 - Mechanical
 - Mechatronics

Capital Projects and Asset Development

As a Graduate Engineer within the Capital Projects and Asset Development (CPAD) team, you will be immersed into the lifecycle phases of some of our major projects. **In Auckland**, we have multiple programmes of work including Wiri to Quay Park, Papakura to Pukekohe and supporting parts of the City Rail Link Project and Rolling Stock Procurement. **In the Lower North Island**, we have the Wellington Metro Upgrade Programme and Project iReX (our new ferries and terminal infrastructure).

- Eligible Degrees:**
Bachelor of Engineering in:
- Construction Management
 - Civil
 - Structural
 - Mechanical
 - Mechatronics

Rolling Stock Asset Services

The Rolling Stock Asset Services (RSAS) team own, operate and maintain a large amount of rolling stock including 189 mainline locomotives, approximately 4,700 freight wagons, about 60 passenger carriages and around 80 shunt locos. As a Graduate Engineer within RSAS, you'll work with teams who manages the full life cycle of our rolling stock including fleet planning, engineering, procurement, commissioning, maintenance, and asset management.

- Eligible Degrees:**
Bachelor of Engineering in:
- Mechanical
 - Electrical
 - Mechatronics

6 I work with engineers across various fields to coordinate obligations including asset management, inspections, risk analysis, and project planning.

Doris Zhao – Graduate Civil Engineer



APPLICATION INFO:

Hiring Graduates and Interns
careers.kiwirail.co.nz

Want to know more about the graduate experience?
 Contact one of us

Doris.Zhao@kiwirail.co.nz
 Current Graduate

Wanda.Bowman@kiwirail.co.nz
 Graduate Talent Development Partner

Read more about Doris and other graduate stories here



Powering the circular bioeconomy

Oji Fibre Solutions (OjiFS) is the largest integrated pulp, paper and fibre-based packaging manufacturer in New Zealand. We're talking wood-fibre, not fibre optics!

Our manufacturing operations promote the efficient and complete use of sustainably sourced virgin wood-fibre from renewable forestry resources, with all OjiFS sites proudly FSC® and PEFC™ Chain of Custody Certified®.



Summer Internships at our Pulp & Paper Mills

Our Pulp & Paper Summer Internship Programme is a great opportunity for 3rd and 4th year Engineering students to bridge the gap between university and working life. The programme allows you to build on the theory learned at university and apply your knowledge in real life. We have some great projects on offer next summer, working with our different teams and gaining valuable experience in a large, complex manufacturing environment. Our Summer Internship Programme can be a stepping stone to our two-year Graduate Programme, which often leads to an exciting engineering career with Oji Fibre Solutions. This is exactly what happened to Alex Passau. [Read his story below.](#)



ALEXANDER (ALEX) PASSAU

University of Auckland Alumni
Bachelor of Engineering (Honours) - Specialisation in Mechanical Engineering
 Currently: Mechanical Maintenance Engineer, Kinleith Mill

I began my journey at the OjiFS Kinleith Pulp and Paper Mill as a summer student back in the summer of 2018-2019. I then went on to join the OjiFS graduate programme once I finished studying, and have been involved ever since. I'm lucky to be part of the team responsible for keeping one of New Zealand's largest industrial sites running. It's often said but at Kinleith Mill, no two days are ever the same. My focus is mainly around plant reliability and improvement, looking at improving machinery uptime, while investigating any issues that arise from equipment failures. I have also been heavily involved in long term system changes and the opportunity arises frequently to get stuck in with

troubleshooting breakdowns. Every day teaches me something new and the satisfaction of solving problems never gets old. Kinleith Mill is like a playground for engineers, with lots of varied and interesting things to work with. We draw from all disciplines and with a burgeoning graduate programme, there is a lot of support available while you grow. Here you will learn everything from the details of how specific machinery works, all the way up to project management. I can honestly say that what I have learned at Kinleith Mill is applicable in any field of engineering and will provide a great foundation for wherever my career will go in the future. I've been fortunate to start my time as an engineer with OjiFS. Making paper is much more complex than it seems!"

Make it
 with
 us

For more information visit:
ojifs.com/graduates-interns-and-apprentices



Q&A with Jason Wu,

Graduate Transportation Engineer

Tell us about Beca Grad programme?

The Beca Grad programme is like getting your first smart phone, there's so much to explore, so much to learn, and most importantly, it's exciting! There are endless opportunities here that will help you develop the skills you need in your field as you work here. Regional wide professional development sessions are hosted every month to ensure that you are in control of your own future and growth, allowing you to thrive in what you enjoy the most. Beca places a lot of effort to ensure that their graduates recognise their potential to grow into who they want to become.

What do you love about your job?

“
He tangata, he tangata, he tangata.
It is the people, it is the people, it is the people.”

The team I work with has essentially become my second whānau. The ones around me regularly check-in with me to talk about how I feel, what I enjoy and what I wish to develop more in. Work is never the same and I am able to work in a variety of different projects. Most importantly, here at Beca it's not only about delivering work, but also ensuring that we celebrate our efforts together.



Beca

What advice would you give to future graduates?

Be yourself, and be happy! Choose the path you feel is right and go with the flow, there are so many opportunities out there, and each opportunity you take is another step closer towards your goal! It's never too late, and it's never too early, so go out there and explore everything you can!

How do you apply for our summer internships and graduate programme?

Each year we employ up to 200 graduates and 80 interns across New Zealand and Australia. We have a range of graduates joining us from science, engineering, planning, arts and IT, just to name a few!

Applications for our 2023/24 Summer Intern programme are open 17th July – 7th August 2023. **Follow us on Facebook and Instagram @BecaGraduates. Join the Beca family!**

www.beca.com/becagrads



Belong at Beca



pdp

REBECCA

LIAO

**ENGINEERING INTERN
WATER INFRASTRUCTURE**



**BEng (Hons) Civil Engineering & BMus Conjoint
University of Auckland**

What does an intern role at PDP entail?

We started in November and worked through to the end of January, with the two week “shut down” over December providing a great break with family and friends.

On our first day we joined an induction session which gave us more information about PDP and Health & Safety. Then we went to work! Some interns went out into the field and all of us got to work directly on client projects with our service leaders and client teams.

I am very grateful for the experience that PDP has given me in my early engineering career, and they have made me super excited for the future ahead of me as a civil engineer.

What would you tell someone considering an intern role with PDP?

If you want to find out what it's really like to work in an environmental consultancy, then jump at the chance and apply. PDP will give you the work experience you're looking for, as well as the opportunity to get a feel for office life. The culture is relaxed, fun, engaging and it's a great way to spend your summer.

Intern applications are now open!

APPLY HERE

ABOUT PDP

Join PDP, a leading New Zealand consultancy. We offer specialised services in air, land, and water, catering to diverse projects from major infrastructure works to private land investigations. With over 37 years of experience and a team of over 250 experts, we're proudly employee-owned and operate across multiple locations in New Zealand.

At PDP, we prioritise work/life balance and the well-being of our people. Become part of our supportive team for unrivaled career opportunities in a growing company committed to excellence.



To find out more and apply online, visit pdp.co.nz/careers or email careers@pdp.co.nz

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Specialists in design and delivery of tailored, built solutions.

Talk to us today.



Jaden Covenden
Intern, Infrastructure Engineering

Naomi Vallis
MArch(Prof)(Hons) NZ, BAS External Envelopes

Building Services - Mech., Elec. & Fire | Infrastructure Process & Services Engineering | Geotechnical Architecture & External Envelopes | Civil Structural | Building Surveying | Ecology Environmental Science & Engineering

"I have applied my university education into real projects, contributing to a dynamic team of experts at an esteemed firm renowned for its cutting-edge solutions".

Rafael Dio.

"Social club events are endless and they make you feel truly a part of the team".

Jaden Covenden.

"Babbage's diverse individuals have complemented my experience in being able to collaborate with people from different backgrounds".

Gavin Zhou.

"Babbage has provided a welcoming platform that supports both the social and professional aspects of work".

Gavin Zhou.

"I have learned architectural detail designing focusing on weather tightness in a range of projects in the commercial and retirement sectors. I feel incredibly fulfilled with the learning in an area that has been previously overlooked".

Naomi Vallis.

"The mentorship I have received has been exceptional".

Jaden Covenden.

wsp



Vanessa Chong

Graduate Engineer Mechanical shares what a day in her life is like as a WSP Graduate in Tāmaki Makaurau Auckland:

7.20am
 My commute into work takes 40 mins via two buses. Even though WSP has a flexible working policy, I prefer working in the office.

8.00am
 When I get to work, I set up my desk and check my emails, messages, and calendar.

8.30am
 My first task is to carry out some ventilation calculations on Excel and estimate the building's heating and cooling loads using HAP software.

10.30am
 I have a meeting with the Project Director to get feedback on my work.

12.00pm
 The nationwide Building Services team attend an online Tech Talk every Monday. Today's topic is "Ventilation for Pandemic Conditions".

1.00pm
 For lunch I eat homemade fried rice.

1.30pm
 At our team resourcing meeting we discuss workloads for the week ahead and give project updates.

2.30pm
 For the rest of the afternoon, I complete the equipment schedule and use Bluebeam to markup symbols and comments on drawings for concept design submission.

5.30pm
 After getting home from work, I like to go for a walk around Big King Reserve and practise piano.

At WSP, our Graduates and Summer Interns are the foundation of our future. That's why we are actively recruiting university students and recent graduates like you to be part of our team. We are hiring throughout Aotearoa New Zealand across a variety of disciplines, including engineering, architecture, planning, environmental science, ecology, GIS, property, computer/data science, urban design, and economics.

Join us

Applications for our Summer Internships are open 16 July – 6 August 2023: wsp.com/nz/summer-interns
Check out our website to see what Graduate opportunities are available currently and for 2024: wsp.com/nz/careers
Our 2025 Graduate role applications are expected to open March 2024.

Meet us

Visit us and learn more about WSP at the CDES Internship & Graduate Career Expo from **10.30am - 2.30pm on 25 July 2023**.



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“
As a recent engineering graduate, I wholeheartedly recommend joining Alstef Group, where innovation, collaborative teamwork, and cutting-edge technologies merge to create an exceptional environment that fosters personal growth and professional excellence.

Lance Delos-Reyes
BE – Software Engineering
University of Auckland

Alstef Group designs, integrates, and supports automated turnkey solutions for the airport, intralogistics and parcel markets.

Established in sixteen countries and with systems installed across five continents, Alstef Group has a strong international presence in the materials handling industries. We offer a promise of excellence for our employees and a desire to exceed the needs of all our customers; delivering intelligent solutions and providing the long-term benefits of tailormade, automated systems that are efficient, scalable, and innovative.

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IN THEIR WORDS

Emma Jay

GRADUATE WATER RESOURCES ENGINEER

Why do you enjoy your role?

I recently worked on a project where I was helping design and build a reservoir that will service farming and agriculture in the region. It'll have a positive impact on creating employment opportunities in a region where the younger age groups, especially females, have been impacted by a decline in the number of jobs available.

What does a typical day at work look like?

Every day is different, one day I could be going to a remote site in a helicopter with a tramping pack full of equipment, sporting waders and in knee deep water monitor river volumes. The next I could be office based modelling or writing up reports.

What would you tell someone about Riley?

I think the key cool thing about Riley is that you are given a lot of responsibility and lots of variety in everything you do. I have been challenged in my time working here and I really enjoy it.



Talal El-Jack

GRADUATE CIVIL ENGINEER

Why did you apply for a position at Riley?

The work at Riley looked interesting and diverse, rather than focusing on a single subdiscipline. I felt that I could experience and get a feel for what goes into engineering in general.

What's the most exciting project you've worked on?

A mixed-use subdivision in Whangarei, where I am working on a residential development. I've been able to experience all aspects of the project, from resource consent to detailed design, to construction observations and completion.

What is the best thing about working at Riley?

The friendly and approachable nature of everybody here, from graduates all the way up to directors. I can ask anyone for help with work or strike up personal conversations and all will be happy, willing and responsive. It's an excellent learning environment.



GEOTECHNICAL



CIVIL



WATER RESOURCES



ENVIRONMENTAL

AUCKLAND 4 Fred Thomas Dr, Takapuna • riley@riley.co.nz
CHRISTCHURCH 22 Moorhouse Ave, Addington • rileychch@riley.co.nz

RILEY.CO.NZ  

We're looking for graduates to join us in 2023/2024: riley.co.nz/current-vacancies

Ready for an Engineering career at Fonterra?

Make something of your career here! Whatever your interest or passion is, we have a range of different early career opportunities in the Engineering or Technical space.

Gain a Masters of Dairy Science and Technology and accelerate your career with Fonterra on our 15-month Fonterra Graduate Technical Programme (FGTP) which includes a three-month global rotation.

Build engineering expertise and a breadth of experience across New Zealand Manufacturing and Technical Excellence to accelerate your career within Fonterra Engineering, on our 24-month Engineering Graduate Programme.

Or join our summer internship programme designed to give you a hands-on Technical Engineering experience of Fonterra.



Get in touch

For more information visit
Fonterra.com/earlycareersnz
or email earlycareers@fonterra.com

We'd love to hear from you.



Hear from some of our Engineering Grads who have made something of their career at Fonterra



Meet Gabbi

Studied: Bachelor Engineering – Mechatronics
Grad programme: 2021 Cohort
Current role: Automation Engineer - Whareroa

Tell us about your Current role and a key project you have led or involved with that you're proud about.

In my current role I work with the control systems at one of Fonterra's largest manufacturing sites. This involves a whole range of activities such as working with PLC code and operator interfaces, management of our automation computers/servers, and most recently I've been learning how to maintain our site cameras.

The projects that I'm the proudest to have been involved with are those that will reduce harm to the environment. These projects focused on reducing water use, reducing chemical discharge by improving cleaning processes, and reducing steam (therefore boiler) demand.

How did the Graduate programme set you up for success in your career?

In just two years I have found myself continuously drawing on the experiences and learnings I had during the programme. I feel set for success with the range of knowledge I gained from a number of experts that I met and now work with. But really, I think a lot of the value for my future success has come from developing a broader understanding of the whole co-op.

This level of relatability/understanding across Fonterra is not something I would have been able to gain so soon without FGTP and is something that will be handy for the rest of my career.

"The range of knowledge I gained has helped to develop a broader understanding of the whole Coop and set me up for success. This level of relatability/understanding across Fonterra is not something I would have been able to gain so soon without FGTP and is something that will be handy for the rest of my career."



Meet Tairongo Tuhiwai

Studied: Bachelor Engineering Mechanical
Grad programme: 2020 Cohort
Current role: Maintenance Manager – Morrinsville/Waharoa Sites

Tell us about your Current role and a key project you have led or involved with that you're proud about.

In my role as Maintenance Manager for Morrinsville/Waharoa sites, one of the key accomplishments was working together collaboratively with a team. It's also finding different ways and methods we can further improve our reliability and longevity of the site's assets. I'm proud to lead a passionate team of individuals who aim towards these goals.

How did the Graduate programme set you up for success in your career?

I found in the FGTP programme it developed my understanding for how vast Fonterra is. I found in this programme the biggest influence is the amount of exposure and practical experience out on site with the multiple product streams. This set me up for success going into the manufacturing environment.

In the multiple roles I have been in through, Process Project Manager, Process Team Lead, Environmental Manager and now Maintenance Manager, these roles allow for a wide range of growth and development opportunities. One of my passions I have found in these roles is leading a team of motivated and engaged people. I enjoy building a team that is motivated and has a drive for doing their best.

In each of these roles there is no day the same and I enjoy having this variety in work.

"I found in this programme the biggest influence is the amount of exposure and practical experience out on site with the multiple product streams. This set me up for success and I have developed a breadth of knowledge & technical capability as well as take advantage of many growth and development opportunities."



Consider a Career with **FAST**



Junaye Lowe, Core Developer

FAST HQ – Centennial, Colorado, USA | UoA Alum, 2018



I found FAST at the University of Auckland STEM Career Expo, and **I love how my work is a good mix of both technical and non-technical work.** That was important to me when I was looking for a job, and I'm glad to have found it at FAST. After working as an Implementation Consultant and Team Manager on the Inland Revenue (IRD) project in New Zealand, I moved to FAST HQ in Centennial, Colorado, as a developer on the Child Support team. It's incredibly rewarding to see the things that I've worked on go into production for use by customers—I **know that the work we do is helping to make interactions between customers and government agencies simpler.**

Kirsten Meates

Implementation Consultant

New Zealand Tax Project – Wellington, NZ | UoA Alum, 2018



I was pointed towards FAST by an IRD employee. Now, 4.5 years into my career, I'm so glad that I looked up the company and applied! As an Implementation Consultant, I get to solve problems—little and big—every day. It's always nice to be able to accomplish something, and I know that the work I do is helping to make processes more efficient for New Zealanders. **We've made it easier for Kiwis to access the benefits and services they're entitled to, and it's amazing work to be part of.**



We've been proud to partner with the University of Auckland since 2016—and UoA alumni are proud of the work they do at FAST.

ABOUT FAST ENTERPRISES

The FastCore software platform provides the foundation for our line of modular, pre-built software products, each designed to provide digital-first capabilities for modern governments. Our project success rate of 100% reflects our company culture: We keep our promises. We stick to our values. We view challenges as opportunities. And we support each other every step of the way.

The world doesn't change on its own. It needs people like you to move it forward—and move FAST. We're transforming the way government agencies serve their citizens while making a positive difference in the communities where we live and work. Apply today to join a global team of diverse, dedicated, and creative problem-solvers.

APPLY TODAY!

Scan the QR code or visit fastenterprises.com/careers to learn more and apply.



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Join Us

Unleash your full potential with Kotahi

Our name, Kotahi, means together as one. Kotahi is how we work, what we do and why we do it. At Kotahi, your growth and aspirations are our priority. Together, we will open doors to a future where your career flourishes and your personal aspirations can be realised.



Aaron Kaijser
Principal and Senior
Structural Engineer,
Kotahi Engineering Studio.

"Kotahi have provided me with a unique training ground to not only hone my technical engineering abilities, but to grow and develop into a well-rounded professional engineer who interacts widely with the community.

My experience here has come in all shapes and sizes, from designing a humble lintel beam to working with base isolation technology, to starting a new regional office from scratch, to playing a pivotal role in the rebuild of the Hawke's Bay region following cyclone Gabrielle this year. The project size and complexity has only increased while living in regional NZ, and the best part is I have fantastic wineries on my doorstep and the surf spots are less than 20min away!

After more than eight years with Kotahi, I can honestly say there has never been a dull day." — **Aaron Kaijser**

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▶ **With four office locations and an extensive New Zealand wide project portfolio, you will have many opportunities to hone your expertise on a variety of projects.**



- Civil
- Structural
- Environmental



INITIA
GEOTECHNICAL SPECIALISTS

Small but mighty: Initia offers a wide range of experience on major projects for new grads

Kieran Bursell joined New Zealand geotechnical specialist firm Initia two years ago after his first three years at a large consultancy. Since then, his career as a geotechnical engineer has gone from strength-to-strength and he hasn't looked back.

One of the things Kieran enjoys most about his job at Initia is the variety. Each day is different and covers anything from managing geotechnical investigations and visiting construction sites to undertaking complex geotechnical designs for a range of major projects.

Some of Kieran's current projects include the \$1billion Ohinewai Sleepyhead Estate development and the new Auckland Surf Park. For the Sleepyhead Estate, Kieran designed ground improvement works to address major liquefaction and settlement risks.

The Auckland Surf Park will be New Zealand's first man-made surfing facility including a 2 h.a. Surf Lagoon. For this, Kieran provided geotechnical analysis for earthworks, infrastructure and building foundations.

Earlier this year, after the Auckland Anniversary floods, Kieran was also part of the front-line emergency response. He and his colleagues visited affected cliff-top properties around Auckland's coastal fringe and provided guidance to owners around damage and further risk.

It's the kind of immediate, agile and hands-on approach Kieran loves about his job, and what led him to join Initia two years ago.

Before making the shift, Kieran felt his professional development had stagnated. He'd become good at specific tasks, but felt he lacked experience and exposure in other areas of geotechnical engineering. For Kieran, those gaps reflected the setup of his then-workplace.

"Within a larger consultancy, it was quite easy to get pigeonholed in your role doing repetitive tasks," he says. "The company had a wealth of great resources, formal training sessions and processes to follow. However, it was sometimes challenging to seek training and support on the job."

So, as Kieran says, the shift to Initia was about getting the best of both worlds. With a team of 25, Initia works closely together on big projects, which means there's a lot of support from senior engineers for team members wanting to gain experience in different areas, Kieran says. Alongside that, the company has a wide range of projects, including major developments, which

means ongoing technical development and exposure to different areas of the field.

"Everyone gets to work on a huge range of tasks and my career progression has accelerated drastically because of this," Kieran says.

Kieran says the leadership of senior engineers, who set the tone with their "hands-on" approach to work, has been integral to his development in the past few years. It's a "team culture where everyone contributes, shares expertise and helps each other out", he says.

For these reasons, Kieran recommends new grads consider applying for roles at companies like Initia where they'll get a broad range of experience on both big and small projects. "Since starting at Initia I've worked on some really big and exciting projects. While our team is smaller, we are a tight-knit group and we consistently deliver great results for our clients," he says.

To find out more about what we do visit initia.co.nz/careers or get in touch today at careers@initia.co.nz

AUCKLAND 114 St Georges Bay Road, Parnell



QUEENSTOWN 32 Rees Street, Queenstown





JAE MIN SEO

FRONTEND SOFTWARE ENGINEER



Jae Min then returned to university and eventually took up an internship at a different company. However, the memories of his positive experience with Tidy ultimately drew him back, and he joined as a full-time software engineer in early 2023.

My internship helped me focus on what I was studying in terms of which parts are most important for industry.

Having completed other internships previously, Jae Min said that Tidy stood out in several ways:

"There was a lot of flexibility. Working from home, I was able to work around my own schedule, while still going to the office once a week. The team was really friendly too and quite young, so I was also able to relate to everyone more." At university, Jae Min's experiences with coding were more related to data optimisation than building a software product, so his internship showed him something new.

"I was used to crunching numbers and solving pre-defined problems. These problems typically have defined answers, but I found that it's much more open-ended in industry."

Bachelor of Engineering with Honours, Biomedical Engineering

Jae Min's journey to Tidy came in waves. After missing out during his first application, he was put on a priority list for future roles and secured an internship the following year. He spent the 2022 winter break working in the frontend of Tidy's new healthcare-based application.

Who Are Tidy?

For over 10 years, Tidy has been delivering stock and project-based management solutions to businesses.

Our powerful, delightfully simple, cloud software helps companies worldwide to cost, control and deliver projects or manage the stock they process and sell.

We hire interns across diverse backgrounds, from software engineering to engineering science, biomedical engineering, commerce, design, and more.

Talk to us and find an internship to match your unique skills.

Apply Now



To find out more, visit tidydigitalsoftware.com/tidy-careers

AMPLIFY YOUR IMPACT

Worley is New Zealand's leading industrial design, build, and maintenance services provider. As a result, we can provide you with career challenges, a broad range of projects, and professional opportunities that can't be found anywhere else. Our range of services includes the delivery of complex projects, from concept development, design and construction, through to operation, maintenance and decommissioning of assets. We deliver these services in the face of the world's energy transition to a low-carbon and distributed energy system and offer graduates the chance to be part of that.

Our Grads



Caleb

GRADUATE INSTRUMENT AND CONTROLS ENGINEER

Why did you choose to join Worley as a Graduate Engineer?

With a range of experienced people and a network of clients around the world, Worley was a great company to kickstart my career as an Instrument & Controls Engineer. Worley has offices in many regions of New Zealand and wins a variety of work, providing a diverse environment to work and learn.

What has been the highlight of your time as a graduate working at Worley?

I have gained experience not only as an engineer but within

the wider business, a highlight being improving the execution of work using digital tools. Supporting Worley's focus on digital delivery has allowed me to work on a range of projects around New Zealand, meet like-minded people in the technology sector, and work with people in the wider business at Worley.

What advice do you have for students looking for graduate roles?

Look for a company that supports growth and encourages learning. A company that supports and invests in its staff will provide you with the most opportunities to learn and progress in your career. There are trade-offs between working for a smaller or larger business, but I have found working in a larger business (with lots of knowledgeable people) a great place to learn and develop a range of skills.

worley.com

Delivering a more sustainable world



Your first role is important

We've been there, too. We also understand what makes a good engineer and aim to give you the building blocks of a successful career. While technical learning is important, to thrive in this environment you'll need to engage and interact well with people, be confident in your ability, and actively manage yourself. This is all supported by the ability to think outside of the box and work pragmatically.

At Worley, you'll be mentored on your journey by a global network of some of the best engineers in the industry. Our Graduate Development Programme gives you access to structured development opportunities and allows you to demonstrate your leadership as a part of our Graduate Connect Committee.



Mirella

GRADUATE MECHANICAL ENGINEER

Why did you choose to join Worley as a Graduate Engineer?

I chose to join Worley as a graduate after completing a summer internship. It was really the people that made me want to come back as a graduate. Everyone at Worley has been super encouraging, and willing to share their knowledge and experience.

What has been the highlight of your time as a graduate working at Worley?

One of the great things about Worley is the large variety of opportunities. I've been lucky enough to travel all across the North Island for different projects and work through a large scope of industries (including Food & Beverage, New Energy, Industrial, and Conventional Energy).

What advice do you have for students looking for graduate roles?

Don't overthink applications, it's so much easier to know what you want to do once you start trying different roles, you never know what you might end up enjoying.

Join our Team

Email gradnz@worley.com



Worley
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KICKSTART YOUR CAREER AT DEVELOPED



Ready to make an impact in Auckland's Land Development scene? Join Developed, a leading multi-disciplinary company shaping New Zealand's housing and property markets. We're a dynamic team who thrive on innovation and collaboration, and we're looking for talented civil engineering students to join us on our exciting journey!



Why choose Developed Consultants for your career launchpad?

Variety and Exposure

Work on diverse projects, from small subdivisions to large multi-stage developments. Gain invaluable insights into the industry and shape Auckland's landscape.

Professional Development

Access mentorship programs, ongoing training, and support for career advancement. Reach your full potential with professional certifications and industry conferences.

Collaborative Environment

We foster a culture of teamwork and innovation. Learn from experienced professionals, tackle challenges together, and create impactful solutions.

Impactful Work

Make a real difference in the community. Contribute to sustainable design practices and advancements while shaping Auckland's future.

Work-Life Balance

We prioritise a healthy work-life balance. Enjoy flexibility and support for personal and professional life, fostering a thriving workplace.

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 Developed Consultants Ltd.

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BLUE BARN

CONSULTING ENGINEERS

DO YOUR BEST WORK WITH US

We care about making Blue Barn the place where you can do your best work. Our work culture is both supportive and fun, and our hybrid working approach helps you do your best work in a way that works with your life.

We're focused on growing talented engineers through our mentoring and chartered programme, and we're proud to be a Professional Development Partner with Engineering New Zealand. We encourage and support all engineers to achieve Chartered status, and we offer regular in-house and external training for everyone.

We've introduced the kind of world-class quality and technology systems you'd expect to see in much larger organisations, and we're committed to smoothing the way for our engineers to do what they do best. We also look after our people with a range of benefits and discounts, social and community activities, and a personalised wellbeing programme.

Work with us and you might even surprise yourself with what you can achieve.



“



I feel empowered working at Blue Barn because the team always cheers me on when I'm trying to reach a goal – regardless of whether it is a work deadline or a personal aspiration.

Simran Singh,
Structural Engineer

“



The team environment is fantastic, fostering collaboration and support. I also appreciate the flexibility of hybrid working and our convenient location. If you're looking for a place where you can thrive and enjoy a positive work-life balance, Blue Barn is the perfect choice.

James Liu, Graduate Engineer – Transportation



ABOUT BLUE BARN

We're a team of engineering specialists who care about making the world a better place.

Our expertise is in **civil, structural and transportation engineering** and we pride ourselves on solving complex challenges.

Our core value is People Matter, and this underpins everything we do. Our clients matter. Our communities matter. Our teams matter.

Our clients love our dedication to quality and safety, our commitment to delivering great outcomes, and our focus on solutions.

Our people love our commitment to learning and development, our hybrid working approach, and our supportive and fun culture.

SUMMER INTERNSHIPS

Spend your summer at Blue Barn where you'll rotate between our civil, structural and transportation teams. To find out more, please email enquiries@bluebarn.co.nz. Learn more about us at [Bluebarn.co.nz](https://bluebarn.co.nz)

ARUP



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New ways, new world.

Discover new ways to shape a better world

Meet Cailey,
a Graduate Engineer
in our Auckland
office.



What did you study?

Bachelor of Civil Engineering (Honours)/Bachelor of Arts at The University of Auckland.

Why did you choose Arup?

The firm's history of excellence and iconic projects attracted me at first. I then completed an internship at Arup and learned about the mentoring, training and growth opportunities available.

What is your typical day like?

Working on a construction site for Auckland's biggest wastewater projects performing engineering site inspections for critical infrastructure.

How would describe Arup's culture?

Supportive, values-led and fun. My mentors encourage me to always ask questions. Sustainable development guides all our actions. The workplace is a welcoming and inclusive environment.

What have you enjoyed most about the programme?

Working on site and watching my designs become real infrastructure. I've also enjoyed the diverse learning opportunities, expanding my technical skills and soft skills like networking.

arup.com

Practical Work Assistance Centre

Are you struggling to understand parts of ENGGEN 499?

Semester Two, 2023 we are launching the brand new Practical Work Assistance Centre. Some of your experienced Part 4 peers who have completed ENGGEN 499, will be available for you to answer any questions you have. Questions ranging from where to search for jobs, where to get CV help, questions on personal experience with internships, how to submit reports - and so on! This service is available for all BEHons students.



Starting week two of Semester two, drop by at any of the below time slots to the level 3 Leech study space:

- Tuesday 12pm - 2 pm
- Wednesday 1pm - 3 pm
- Thursday 10am - 12pm

For more information on the Practical Work Assistance Centre and ENGGEN 499, visit the [Practical Work Web-pages](#)



ENGINEERING

Did you know that employers are already recruiting for their 2024 internships and graduate programmes?

Career Development and Employability Services (CDES) is a free service for all University of Auckland students while you're studying and for up to three years after you graduate. We can help you meet employers and prepare for your internship or graduate programme applications in a number of ways with a range of resources.

Join us for our [Get Recruitment Ready](#) series of employer-led workshops taking place throughout July 2023. Top NZ employers will lead sessions giving you valuable insights into how they recruit for positions, what they look for in an applicant, and top tips for your application.

Meet over 50 employers searching for their next interns and graduates at our [Internship and Graduate Expo](#) on 25 July. This is a perfect opportunity for you to meet and talk to employers from many different sectors. Learn more about the working environment and ask all of your employability questions.

Find an internship or graduate opportunity on our job board, polish your CV using our CV360 tool and prepare your Cover letter with our Cover Letter Builder all on our [MyCDES+ online career platform](#).

Visit our website to learn more about Get Recruitment Ready, the Internship and Graduate Expo, and our MyCDES+ online career platform: <https://cdes.auckland.ac.nz/>

Follow CDES on social media to keep up to date with the latest opportunities!



Don't miss out on the opportunity to secure your dream work opportunity!



create your future



Jonathan Culley | Student Development and Engagement Manager | j.culley@auckland.ac.nz

Jonathan manages development, engagement, support and retention initiatives to enhance students' experience.

Alcione Fagundes | Student Development and Engagement Team Leader | a.fagundes@auckland.ac.nz

Alcione works closely with the Student Experience Advisers and Student Support Advisers to support undergraduate and postgraduate students, and provide development opportunities for all students.

Meleane Akauola | Student Support Adviser (Maori and Pacific) | m.akauola@auckland.ac.nz

Mele supports all students with their wellbeing, pastoral care and learning support. She is the primary Student Support Adviser for Maori and Pacific students.

Courtney King | Employer Liaison Manager | courtney.king@auckland.ac.nz

Courtney facilitates employer networking and fosters industry relationships, along with graduate and intern recruitment. She also provides advice and support to students on career options.

Caitlin Scragg | Women in Engineering Adviser | c.scragg@auckland.ac.nz

Caitlin supports WEN, as well as provides advice and support strategies for Women in Engineering.

Jane Williams | Student Support Adviser | jane.williams@auckland.ac.nz

Jane supports all engineering students with their wellbeing, pastoral care and learning support. She is also the primary Student Support Adviser for international & postgraduate students.

Lili Posada | Student Support Adviser | lili.posada@auckland.ac.nz

Lili supports all engineering students with their wellbeing, pastoral care and learning support. She also coordinates our Part II Academic Assistance Centres.

Ashleigh Fox | Project Manager, WIE33 Project | a.fox@auckland.ac.nz

Ashleigh manages our WIE33 project, designed to increase the representation of undergraduate engineering students.

Joanna Luo | Student Experience Adviser | joanna.luo@auckland.ac.nz

Joanna provides a range of development, transition and engagement activities for all students. She works closely with Campus Life and the faculty's student clubs.

Natasha Morsch | Student Experience Adviser | natasha.morsch@auckland.ac.nz

Natasha provides a range of development, transition and engagement activities for all students. She works closely with Campus Life and the faculty's student clubs.

Quang Le | Student Support Adviser | quang.minh.le@auckland.ac.nz

Quang supports all engineering students with their wellbeing, pastoral care and learning support. He also coordinates our Part I Academic Assistance Centre.



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ENGINEERING