



UNIVERSITY OF
AUCKLAND
Waipapa Taumata Rau

ENGINEER YOUR CAREER

Information from Industry for Student Engineers

SUMMER 2025

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*Michael – Fonterra Technical Graduate
(FGTP)*



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Dairy for life



WSP is a world-leading engineering, design, and environmental consultancy that creates what matters for future generations.

Our Graduates and Summer Interns are the foundation of our future. That's why we value university students and recent graduates like you as part of our future teams.

Every year, WSP employs Interns and Graduates throughout Aotearoa New Zealand, across a variety of disciplines, including engineering, geology, architecture, planning, environmental science, ecology, GIS, property, data science, and economics.

What if you could turn your passion into your profession?
With us, you can.

Consider a career with WSP

Learn more about our Early Careers Programmes and sign up for vacancy alerts here: wsp.com/en-nz/careers/early-career

Meet Us

Learn more at our presentation, followed by networking and pizza, on 5 March 2025 from 5–7 pm at Building 401, Room 439.

JOSEPH CHAN, Graduate Engineer Civil Structures and University of Auckland Structural Engineering graduate, shares what a day in his life is like as a WSP Graduate in Tāmaki Makaurau Auckland:

8.45am 7.30am My journey to work starts with taking the bus to the city, which takes about an hour.

8.45am Once I reach Britomart, depending how early I am, I'll either ride the CityLink or take a 15 min walk by the Viaduct and arrive around 9am. Today I took a stroll by the Viaduct.

9am Once I arrive, I check my emails for any project updates or requests from clients, and then update my to-do list for the day.

9.45am In the morning, I grab a coffee with the team. Today we head to Mibo, only a two minute walk away.

9.45am Inspections! My colleague and I are inspecting a high mast near the Auckland Harbour Bridge for the presence of section loss, which is the decrease of steel thickness due to corrosion.

12.30pm During lunch, other graduates and I play a round of Splendour. Sometimes there are work functions and team briefs with food provided. But today we are self-catering.

1pm After lunch, I write up the report from the bridge inspection earlier in the morning.

3.15pm My colleague Josh and I play a game of table tennis to take a short break from our screens.

3.30pm I'm back at the desk working on a design calculation package in support of a footbridge design.

5.30pm Home time! After work, I like to play some sports or go for a run. Today I go to play some pickleball at a tennis court because we couldn't book any pickleball courts.



DESIGN YOUR FUTURE

Graduate Development Program Highlights

- Work alongside industry leaders on iconic global projects.
- Build a network of talented professionals across the globe.
- Gain hands-on experience and personalised mentoring.
- Develop your skills through training and real-world challenges.



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.

APPLY NOW



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Developed Consultants Ltd.



Work with us. Change the world.

We believe infrastructure has the power to uplift communities and improve people's lives.

We deliver some of the world's most influential and transformational infrastructure projects. Along with our clients and partners, we have one goal: to leave positive, lasting impact on people and our planet.

50,000+ AECOM team members working across 7 continents

3,500+ team members across Australia and New Zealand



What are our opportunities?

We are seeking applicants from a wide range of disciplines, including civil, electrical, environmental, geotechnical, mechanical, structural, building services and chemical engineering, as well as design, planning, and program and cost management fields.

Paid Summer Internship - Get ahead with work experience

Our summer placements are 12 weeks long from November to February. This will give you the opportunity to develop your technical and industry knowledge, and to experience the AECOM culture. It also gives you the opportunity to demonstrate your skills and attributes, which may lead to a permanent graduate opportunity upon graduation.

What Our Graduate Program Offers:

- **2-Year Graduate Program:**
Kickstart your career in a flexible working environment.
- **Graduate Conference:**
Participate in a 2-day event to meet fellow graduates and connect with leaders in the business.
- **Transition to a Professional:**
Seamless transition into professional level role at the completion of the graduate program.
- **Networking and Informative Opportunities:**
Engage in events hosted by our Connect Committee to expand your network and your knowledge.
- **Mentoring Opportunities:**
Receive guidance and support from experienced professionals to help you achieve your career goals.
- **Learn from Technical Experts:**
Enhance and share knowledge, skills and ideas from industry leaders that are essential to career progression.

Our Recruitment Process

Grad Applications are open from March until April 2025.

Summer intern applications are open in July.

- 1. Submit Your Application:**
Complete the job application, uploading your resume, cover letter and the latest copy of your academic transcripts as one single document.
- 2. Online Assessment:**
Complete our global online strength-based assessment.
- 3. Phone Screen:**
You may be invited to a phone screen with our Early Careers Recruitment team.
- 4. Interview:**
Attend a face to face interview at your local office.

**AECOM**

Unlock Your Potential

At Boston Consulting Group (BCG), your early career can take an extraordinary leap forward.



Why start your career at **BCG?**

We understand the value of nurturing talent from the get-go. Our early career opportunities are dedicated to equipping you with a rich blend of experiences and skills.

Careers at BCG are fast paced, intellectually stimulating, and challenge you to perform at your best. Our supportive, high-performance culture ensures that you're always learning and growing, pushing the boundaries of your potential.



Challenge yourself with a variety of experiences.

Your career at BCG will traverse a multitude of industries and sectors.



Access unparalleled learning opportunities.

We offer extensive learning and development opportunities designed to broaden your consulting skills and business insight.



Collaborate with the brightest minds.

You'll work with a diverse group of intellectually curious, hard-working colleagues, each bringing their unique perspectives and expertise.

Beyond academia



I chose BCG because it seemed like the ideal blend of the aspects I enjoyed most in both my studies and internships. I've had the chance to work with a variety of clients on complex challenges and make a real impact.



Niamh
Senior Associate



Start your career with us and experience growth, learning, and success beyond your expectations.

**“For me the
best thing
about working
at Holmes, is
the people”**

NATALIE ROBINSON

Engineer your career

NATALIE ROBINSON
Graduate Engineer



HOW DID YOU FIND THE TRANSITION FROM BEING A HOLMES INTERN TO COMING BACK AS A GRADUATE?

I found the transition seamless as I already knew the team and the culture from my time as an intern. Everyone remembered me and was genuinely excited to have me return so settling back in was very easy.

WHAT IS SOMETHING THAT SURPRISED YOU ABOUT BEING AN INTERN AT HOLMES?

I was surprised by how much responsibility I was given as an intern. My colleagues trusted my input and included me in important project decisions from day one, helping me to build my confidence as a young engineer.

WHAT INSPIRED YOU TO BECOME AN ENGINEER?

I was drawn to engineering because it combines my love of solving complex problems with the opportunity to create a more sustainable future. At Holmes, I get to do exactly that - working on innovative projects that prioritise sustainability while making a real difference in our communities.

DESCRIBE HOLMES IN THREE WORDS...

Innovative, collaborative, supportive.

WHAT'S BEEN YOUR MOST CHALLENGING PROJECT?

My first project was working on complex building models using finite element analysis and non-linear time history analyses. While it was initially daunting to tackle such technical work straight away, Holmes' structured bootcamp training helped me get up to speed. Having experienced colleagues I could turn to for guidance helped me navigate the learning curve and develop strong technical foundations.

***Make the most
of every learning
opportunity and
don't be afraid to
ask questions!***

WHAT'S BEEN THE BEST THING ABOUT WORKING FOR HOLMES?

For me the best thing about working at Holmes, is the people; working alongside such talented engineers who are passionate about the work they do is truly inspiring. There's always someone willing to share their expertise, and you're constantly learning from people who are leaders in their field. There's a strong culture of support where everyone wants you to succeed. Plus, we work on fascinating projects that challenge you to grow professionally.

HOW WOULD YOU DESCRIBE THE CULTURE AT HOLMES?

The culture at Holmes is one built on mentorship and growth. There's a strong emphasis on professional development, and everyone from graduates to senior engineers shares knowledge openly. We also have a great social atmosphere with regular team activities - there's something for everyone.

WHAT WAS THE MOST CHALLENGING PART OF LEAVING UNIVERSITY AND STARTING WORK FULL-TIME?

Adjusting to full-time work was a big change, but Holmes made it easier with their structured graduate program and buddy system. Having mentors who are invested in your growth really helps you find your feet.

ANY ADVICE FOR NEW GRADUATES?

Take advantage of every learning opportunity and don't be afraid to ask questions - Holmes truly values fresh perspectives from new graduates, especially when it comes to sustainable design and innovation. If you're passionate about making a real difference in Aotearoa through engineering excellence, you'll find yourself surrounded by like-minded people here. Get involved in both the technical work and the team culture - at Holmes, we believe building strong relationships help us deliver better solutions that shape our built environment for future generations.

**Join us for our University of
Auckland recruitment evening**

6pm, Wednesday 19 March
Room 439.20, Building 401,
School of Engineering
20 Symonds St, Auckland CBD 1010

Scan this QR code
for more details on
how to apply.



Holmes

About Us

Pattle Delamore Partners (PDP) is one of Aotearoa New Zealand's leading environmental science, engineering, and advisory consultancies. Our team of experts deliver a range of solutions to our clients' environmental challenges. We cover everything from air and land to water-related projects.

We take pride in being an employee-owned and operated company with nearly 40 years of experience operating in New Zealand, Australia, and the Pacific Islands. Our solutions consistently meet and exceed client expectations, leading to significant, meaningful environmental outcomes for our clients.

Our offices are in Northland, Auckland, Hamilton, Tauranga, Hawke's Bay, Wellington, Nelson, Christchurch, and Invercargill.

Meet Tamzin Aldrin, one of our graduate environmental engineers

How or why did you make the decision to join PDP?

I first learned about PDP through the Auckland University Engineering Society, where they were a sponsor. A friend encouraged me to apply after discovering my interest in the environmental side of engineering. After researching the company, I was impressed by the diverse range of projects they undertake in the environmental sector. Joining PDP seemed like an excellent opportunity to gain insight into my desired career path, and that decision has proven to be incredibly rewarding.

What is it like working at PDP?

Working at PDP is truly inspiring. The entire team is enthusiastic and passionate about their work, regardless of their career stage. This environment encourages continuous learning and growth, motivating everyone to strive for excellence in their projects. The inclusive and friendly atmosphere fosters strong connections among colleagues, and there are always engaging events that promote teamwork and friendships.

What advice would you give to a student considering applying for an internship or grad role at PDP?

If you're interested in pursuing a career in environmental or water engineering, PDP is a great place to explore your future pathway. Approach the opportunity with an open mind and a willingness to learn, and you'll undoubtedly have a fulfilling experience!



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





Emma Kay

Senior Business Analyst

Emma first learnt about Tidy a few years ago at a careers evening with Auckland University. Although she eventually worked for another company, Tidy continued to stay ever present in the back of her mind. Fast-forward a few years, and with the exciting development of a new software solution, Emma's interest once again peaked after speaking with Tidy CEO Kevin Mann. So, when the opportunity to become part of Team Tidy finally came around, it was an offer she couldn't refuse.

Emma started her career as a Business Analyst, which involved a lot of working with data and writing Python scripts. When it came to clients, she was initially much more focused on working behind the scenes. But over the years, she has gained experience working directly with them to better understand their needs, which Emma says, "has been really rewarding."

"Tidy's software is designed to make people's lives and jobs easier, and I'm very excited about those possibilities and what we can do for our customers!"

In her new role as a Senior Business Analyst within Tidy, Emma has continued working with data and scripts occasionally but with a greater focus on product development, customer relationships and project management. A typical day for Emma involves discussions with the team regarding ongoing product development and the future direction of Tidy, which is key in a successful business.

Having hit the ground running; Emma's role has seen her already working on a project aiding the development of a new product solution set. Being able to contribute to this new and exciting project has been a highlight for Emma who mentions, "It's super satisfying to know that the work I'm doing will have such massive impacts not only on our clients but their clients too!"

One of the key lessons Emma has learnt since beginning her career is the importance in being able to effectively communicate with clients and colleagues. Her initial dislike towards engineering communications classes at university has since changed as she has found them to be some of the most important papers she ever took, strengthening these skills even more in her role at Tidy.



What are you most looking forward to in your role?

As Emma's role expands, she plans to work closely with our customers to enhance both our product and team, ensuring continuous growth and excellence. She also hopes to improve Tidy's internal processes to continue delivering excellent software and services. She believes ensuring the team is well-informed and empowered to do their jobs effectively, they can achieve these goals.

Despite the small team within Tidy, Emma has enjoyed the dynamic and adaptive team culture saying, "The people are also all really lovely, and there's a fantastic team culture!"

Who Are Tidy?

For over a decade, 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.

Apply Now



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.

To find out more, visit www.tidyinternational.com/tidy-careers/opportunities

Engineering Your Future: Why Project Management Might Be The Perfect Fit

Two University of Auckland alumni share their journey into project management—and why it might be the career path you haven't considered.

While most engineering students picture themselves designing structures or working on-site, for University of Auckland graduates Joachim Christensen and Uriel Teo, project management presented opportunities they hadn't expected. Now working as Graduate Project Managers, they share what makes their roles exciting and why engineering students should explore this career pathway.

What does a Project Manager do?

"Essentially, we help lead projects, connecting clients, contractors, and designers," explains Uriel. "That means our role involves coordinating meetings, site visits, problem-solving, and making sure everything stays on track."

Joachim adds, *"A lot of our job is about communication—whether it's following up on designs, addressing health and safety concerns, or answering contractor queries. We make sure the right people are talking to each other and that progress keeps moving along."*

What makes it exciting?

For Joachim, it's the sense of ownership. *"There's pride in knowing that the project moves forward because of the work you put in."*

Uriel finds his motivation in the impact. *"A lot of our projects benefit the public—whether its schools, transport, or sustainability. Even smaller projects can make a big impact."*

The biggest learning curve

Switching from engineering to project management means stepping into a role where you may not always be the technical expert. *"You're expected to lead decisions, but you won't always have all the answers," says Joachim.*

"You'll often find yourself in rooms with senior professionals and experts in their field, and your role is to help facilitate what they do. You're almost certainly not going to be the smartest person in the room, but every single time you're there, you're learning something new. The key is knowing who to ask and how to connect the right people."

Uriel adds, *"One of the best pieces of advice I received was to embrace the project management role instead of thinking like an engineer. It's about leadership, communication, and problem-solving—not doing the design yourself."*



How an engineering degree helps

An engineering background provides a strong foundation for project management.

"Courses like contract and construction management were invaluable," says Joachim. "Understanding NZS 3910 contracts and construction sequencing gives you a huge advantage."

Uriel highlights the importance of soft skills. *"Writing reports, problem-solving, and working in teams—those skills from university translate directly into our day-to-day work."*

Advice for engineering students

Joachim: *"If you enjoy solving problems and making things happen, project management is incredibly rewarding. Just be prepared to learn on the job."*

Uriel: *"If you have the opportunity to step into project management early in your career—take it. The skills you gain will be valuable wherever you go."*

Curious about Project Management?

To learn more about Frequency's projects and people, visit **www.frequency.nz** and to pre-register for our 2026 Graduate Programme intake, go to **<http://nz.prosple.com/graduate-employers/frequency>**

frequency

Who we are

Frequency is an employee-owned and operated specialist project management consultancy. We deliver and optimise critical infrastructure and built environments across Aotearoa. Since our inception 12 years ago, we have grown to a team of over 100 full-time employees, with a national presence spanning Tāmaki Makaurau Auckland, Tauranga Moana Tauranga, Te Whanganui a Tara Wellington, Ōtautahi Christchurch, and Ōtepoti Dunedin.

Our multidisciplinary team brings deep expertise across surveying, engineering, architecture, law, property, and construction, providing solutions to complex challenges. We support projects across the full lifecycle—from feasibility and design through to procurement, construction, and completion—across sectors including transport, water, health, housing, education, and commercial development. Our clients include some of New Zealand's leading public and private sector organisations, such as Kāinga Ora, NZ Transport Agency Waka Kotahi, KiwiRail, the Ministry of Education, and Auckland International Airport.

Find us at the 2025 Engineering and Technology Expo!

Date: Tuesday 29 April
Time: 10.30am-2.30pm
Location: Engineering Atrium, Levels 3 and 4

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Optiver is a leading global tech-driven trading firm with close to 2,000 employees in 11 offices around the world.

Discover how you can apply your technical skills in the quantitative trading industry.

FutureFocus

For pre-penultimate university students

Ignite your potential as a future trader, researcher or software developer in our five-day program. Beyond the average insights program, this is your chance to elevate your skills, collaborate on real-world challenges, and demonstrate your potential in a leading global trading firm. Plus, you could secure an offer to return as an intern.

Visit optiver.com/futurefocus

Internship

For penultimate university students

Spend your summer tackling complex technical problems in the dynamic world of market making. Through a mix of trading lectures, mentorship and hands-on project experience, you'll deepen your industry knowledge and master the skills needed to drive our trading success. Plus, you could receive an offer to return as a graduate.

Visit optiver.com/internships

Graduate

For final year students or recent graduates

Kickstart your graduate training in the Optiver Academy, our global training program in Amsterdam, before returning to Sydney to join your new team. From lectures and coursework to direct experience, our training programs will equip you with the foundations needed to make an impact from the day you start.

Visit optiver.com/graduates

Interview with Raymond

Prior to joining Optiver as a Software Engineer, Raymond studied a Bachelor of Software Engineering at the University of Auckland. In this interview, he shares his experience in the graduate program and how the team has supported him to build his career in tech.

What are some of the exciting projects that you've been involved in?

Both the technical and trading problems at Optiver are highly interesting and exciting to work on. I work in the Post trade team, which essentially asks the question: what is our current position, and how much cash, profit or risk do we have at a point in time?

We often work with huge amounts of data, and use a mix of different technologies (such as C++, Python, C#, TypeScript) and database implementations to build creative solutions. We also work closely with internal and external stakeholders, such as clearers and banks, to fully formalise the picture.

How did Optiver's graduate program set you up for success in your role?

Optiver has a comprehensive training program that gives you a well-rounded introduction to Optiver's core business of market making. Over the course of eight weeks, you'll learn about trading theory, dive into hands-on research, simulated trading, and explore Optiver's technology stack through practical exercises.

The support you receive during your training is invaluable. You'll work closely with Optiver's in-house education team and other grads to understand the concepts, and over time, develop close friendships with your cohort. You'll be



surprised by how much you'll learn about trading and the financial markets by the end of the program.

What do you enjoy most about working at Optiver?

I really enjoy learning about the finance domain and developing solutions that solve real business problems. From the outside, it may seem like all engineers at Optiver are trying to implement trading strategies, but this really isn't the case.

We have a range of development teams working on various interesting problems. This could range from how we can minimise latency between servers, or develop robust CI/CD and deployment pipelines, to modelling complex financial instruments. There are a lot of unique and challenging problems that you can tackle at Optiver.

Share one piece of advice for those that are looking to apply!

Give it a go even if you don't know much about trading. If you're interested in working on good engineering or curious about how the financial markets work, Optiver is a great firm to join and explore these areas. You'll be surrounded by people who are willing to have interesting conversations that will help develop your career.

Q&A with Chapa Ranige, Graduate Civil Engineer

Tell us about Beca Grad programme?

The Beca Graduate Programme is a two-year journey designed to kickstart your career. It offers monthly regional events focusing on foundational topics while providing opportunities to network with others. One of the highlights is the annual graduate connect event, where graduates from across the country come together for an incredible two-day event.

It's the perfect way to meet people from all parts of the business and build lasting connections. The relationships I've built through these events have been invaluable—they've not only enhanced my career at Beca but also created meaningful, long-lasting friendships.

What do you love about your job?

What I love most about my job is seeing my designs come to life. There's nothing quite like driving past a piece of infrastructure and being able to say, 'I helped to build that!' What makes it even better is the support from the incredible teams around me. They understand my passion and constantly provide opportunities to help me achieve my goals.

“

I'm proud to have made an impact—not just in Auckland, but across New Zealand, Australia, and the Pacific within my brief time at Beca. The opportunities here are truly limitless! ”

What advice would you give to future graduates?

Be open-minded and adaptable. My biggest advice is to say 'yes' to as many opportunities as you can early on—that way, you'll have the experience and knowledge to confidently say 'no' to what doesn't suit you later. Transitioning from university to work, I had no idea how many diverse areas existed within my field. During my two years as a graduate, I explored a wide range of roles and projects. This not only helped me grow but also allowed me to discover what I truly enjoy doing.

So, if you're feeling uncertain about your path, don't stress. At Beca, there are so many opportunities to explore, experiment, and figure out your career direction. A career isn't a straight line—the more you explore, the more fulfilling it becomes!

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 2026 Graduate programme are open 17th March – 7th April 2025. **Follow us on Facebook and Instagram @BecaGraduates**

www.beca.com/becagrad





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AUCKLAND
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