

# H A R U K A O G I N O

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## PERSONAL STATEMENT

Having transitioned from civil engineering to software development, I have discovered a newfound passion for coding. My time as a civil engineer has allowed me to develop excellent communication, problem-solving, and time-management skills. I worked on major infrastructure construction projects, being fully responsible for multiple sites simultaneously. Most recently, I have been undergoing a full stack web development course at the Dev Academy. I have made projects using JavaScript and TypeScript alongside React, Express.js, and Knex SQLite3.

## EDUCATION

### NZQA Level 6 Certificate in Applied Software Development, Jan – May 2024

*Dev Academy Aotearoa*

- Intensive 17-week long course focused on full stack web development.
- Developed proficiency in JavaScript and TypeScript for front-end development, using the React framework.
- Gained experience in server-side programming with Express.js, and database management using Knex.js with SQLite.
- Implemented authentication and authorisation features using Auth0 and JSON Web Tokens.
- Completed multiple projects in-class as well as personal ones, using frameworks outlined above, both collaboratively and independently.

### Bachelor of Civil and Environmental Engineering (Honours), 2016 – 2019

*The University of Auckland*

- **Summer Research Scholarship** at the University of Auckland – December 2017 – February 2018  
*Worked under PhD candidate assisting in testing of old (singly reinforced) concrete walls.*
  - Prepared wall panels for testing, set up and dismantle of equipment.
  - Calibrated testing equipment.
  - Assisted with testing cycles.

### NCEA Level 3, 2015

*Avondale College 2011 – 2015*

- NZQA Spanish Scholarship 2015
- Australian Mathematics Competition Participant 2014
- Japan Exchange Trip 2014

## EXTRA-CURRICULAR ACTIVITIES

### Women in Engineering Network (WEN) Mentoring Programme and Volunteering 2017 – 2019

*Industry Chapter:*        - 2021 Mentor to a third-year civil engineering student.  
                                     - 2019 Mentee to a graduate civil engineer.

*Student Chapter:*       - 2019 Mentor to a third-year civil engineering student.  
                                     - 2017 Mentee to a fourth-year civil engineering student.

Helped with events, such as charity bake sales, open-day stalls.

### Unleash Space, Newsroom Writer 2019

- Wrote weekly stories for the website on events, upcoming activities, and ideas developed at Unleash Space.
- Helped at events as part of the Unleash Team.

## WORK EXPERIENCE

- Jul 2023 – Jan 2024**      **Temporary Site Administrator**  
*Leighs Construction*
- Assemble QA (Quality Assurance) packages.
  - Supply management and upkeep.
  - Management of H&S (Health & Safety) documentation.
- Oct 2022 – Jun 2023**      **Overseas Experience in Japan**
- Language School Student
  - I also worked while travelling as at a café, in a hotel, and as an au pair.
- Mar – Sep 2022**      **Site Engineer**  
*HEB Construction*
- Production of H&S and quality assurance documentation.
  - Daily organisation of worksite.
  - Produced accurate site diary with quantities, to be used in monthly measures.
  - Managed multiple sub-contractors simultaneously.
  - Oversaw graduate engineers.
- Jan – Mar 2022**      **Temporary Operations Administrator**  
*Madison Recruitment for Meadowlark Jewellery*
- Coordination of the jewellery making process, quality control and inventory.
  - Cin7 project management.
  - Assisted with packing and dispatch of orders.
- Jul – Nov 2021**      **Geotechnical Engineer**  
*Pattle Delamore Partners Ltd*
- Carried out site visits to undertake ground investigations.
  - Managed my time between projects both in-office and on site.
  - Modelled ground profiles on several different software.
- Jan 2020 – Jun 2021**      **Graduate Site Engineer**  
*Fulton Hogan for Northern Corridor Improvements (NCI)*
- Production of H&S and QA documentation prior to commencement of works.
  - Daily organisation of multiple worksites; ground testing, land surveys, third-party testing and estimated daily quantities.
  - Produced accurate site diary with quantities, to be used in monthly measures.
  - Liaised with different disciplines to ensure sequence of works was followed.
  - Managed design changes from the client on the footpath alignment.
  - Lead my own worksites and crews by making decisions as unexpected issues arose.
- Jul – Oct 2019**      **Student Engineer**  
*Fulton Hogan for Glendowie Branch Sewer Upgrade*
- Managed material take-offs and stocktakes.
  - Executed environmental audits around the sites and hold points with designers.

## INTERESTS

In my spare time, I enjoy studying Japanese, going for long walks with my dog and spending time with friends and family.

## REFEREES AVAILABLE ON REQUEST