

RYAN ORENSE

SOFTWARE ENGINEER

CONTACT

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NORTHCOTE, AUCKLAND

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PROFILE

An emerging, highly-motivated software engineer with a deep interest in technology and software development. Has a background in mechanical engineering and experience working in fast-paced large-scale projects; with heavy emphasis on team-work and critical thinking. Seeking to utilise real industry experience with excellent technical and programming skills to excel as an entry-level software engineer.

CODING LANGUAGES

- Java
- JavaScript
- HTML
- CSS
- SQL
- C
- MATLAB
- R
- VB
- React, Node, Typescript
- Git (version control)

EXPERIENCE

PLANT & EQUIPMENT/MECHANICAL ENGINEER

GHELLA ABERGELDIE JV, AUCKLAND | APR 2021 - MAR 2023

- Provided administrative, technical and organisational support to the Shafts and Microtunnels Mechanical team for the Central Interceptor project.
- Managed an extensive database and organised various assets/plants that arrived on multiple project sites.
- Lead the water treatment plant division
- Represented the health and safety committee, raising concerns and implementations on the microtunnel sites.

UNDERGRADUATE MECHANICAL ENGINEER (DIGITAL) INTERN

AURECON, WELLINGTON | NOV 2019 - FEB 2020

- Assisted in computational modelling and coding in plant design for efficient design process.
- Developed new methods of automation and machine learning in P&ID protocol.

FACTORY WORKER INTERN

STEELGUARD | NOV 2018 - FEB 2019

- Played a part in the assembly of steel frames and windows.
- Learnt the importance of ensuring only the highest quality products are provided to customers.
- Helped implement Lean Project Management to minimise inefficiencies in everyday tasks.

EDUCATION

POSTGRADUATE CERTIFICATE IN INFORMATION TECHNOLOGY

UNIVERSITY OF AUCKLAND | 2021

BACHELOR OF ENGINEERING (HONS) - MAJOR IN MECHANICAL ENGINEERING

UNIVERSITY OF AUCKLAND | 2017 - 2020

NCEA LEVEL 3 EXCELLENT ENDORSEMENT

ROSMINI COLLEGE | 2010 - 2016

COURSES

FULL STACK ENGINEER COURSE

CODECADEMY | 2023

FULL STACK JAVASCRIPT DEVELOPER COURSE

ODIN PROJECT | 2023

GOOGLE DATA ANALYTICS PROFESSIONAL CERTIFICATE

COURSERA | 2022

SKILLS

- Adaptive, innate ability to learn and master new technologies
- Strong organisational and time management skills
- Detail-oriented
- Excellent communication and teamwork skills
- Responsible, takes accountability
- Familiar with various softwares (Microsoft Office, Adobe, Tableau, Github)
- Computational modelling tools (Rhino, Grasshopper, Dynamo)
- 3D CAD modelling (PTC Creo, Autodesk AUTOCAD, Autodesk Plant 3D, AUTODESK Inventor, SketchUp)