

Resume: Robert Thompson

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CAREER OBJECTIVE

Final year Electrical Engineering student (1 easy subject to go) with solid professional experience base looking for interesting and rewarding work. My great communication skills, friendly outlook and passion for the area make me a great fit for any group-based work.

EDUCATION

Bachelor of Engineering (Honours) 2018 - 2024

Majoring in Electrical, University of Technology Sydney - 79.2 WAM (Distinction+ average)

Diploma in Professional Engineering Practice 2018 - 2023

TECHNICAL SKILLS

- C, Java, Python, Clojure/CLJS, HTML, MATLAB languages and tooling
- Git, Jenkins, SQL, Postgres
- Windows/Linux (RHEL, rocky, CLI and GUI distros)

EMPLOYMENT

Software/DevOps Engineer at Langdale Consultants Nov 2021 – Mar 2024

I authored, tested, deployed, and monitored various pieces of software designed to gather and manage data from multiple pieces of infrastructure within the expanding smart electricity grid. I achieved and received commendations from co-workers and clients alike (Java, Maven, Git, Jenkins, Artifactory, Karaf, ActiveMQ, Linux, communication with clients, communication with external API providers).

Set up comprehensive infrastructure monitoring platforms to ensure the stability of our production environment, achieved a considerable improvement in the visibility of our stack. Usage of Python scripts written alongside various other technologies like JMX to achieve visibility at the granular application level. (NCPA, NagiosXI, Python).

Software Development Intern at Day8 Technology Jul 2021 - Nov 2021

Learned cutting edge, modern web development (CLJS). Proof reading and contributing to documentation.

Successfully developed and documented various high-level front-end web UI components in ClojureScript for our public component library, e.g. datepicker.

Contractor for Government Coastal Engineering Lab at Manly Hydraulics Lab Jun 2019 - Dec 2019

Constructing small scale, high precision break walls and other coastal infrastructure. Conducting tests and collecting results.

Understanding and fulfilling specifications from technical drawings and communicating with clients and senior engineers to refine and fulfill changing specifications.

Professional references available upon request