

ANGUS TRAU

SOFTWARE DEVELOPER

CONTACT

0402-690-820

ME@ANGUS.WS

ANGUS.WS

GITHUB.COM/ANGUSTRAU

PROFILE

I am a Computer Science student with a passion for programming & dev-ops. I'm always looking to learn & apply the latest technologies.

SKILLS

- Javascript & Typescript
- React & Vue
- Python
- C#
- Java
- SQL
- Linux
- Docker

EXPERIENCE

JUNIOR HPC CONSULTANT

IMONASH ERESEARCH CENTRE | JULY 2020 - PRESENT

- Support Monash University's high-performance computing research infrastructure
- Automate installation of scientific software applications

SOFTWARE DEVELOPER

INTERDYN | DEC 2018 - JULY 2020

- Develop in-house eCommerce platform built on Vue, Django & Docker.
- Create & maintain Shopify stores & private apps.
- Manage projects hosted & deployed on AWS & Heroku.
- Crestron programmer working on residential & commercial smart automations.

OWNER

AMTRA5 KEYBOARDS | FEB 2017 - FEB 2019

- Designed & manufactured mechanical keyboard PCBs.
- Sold & fulfilled custom mechanical keyboard products.
- Provided logistics & distribution for international suppliers in Australia.

EDUCATION

BACHELOR OF COMPUTER SCIENCE (ADVANCED)

MONASH UNIVERSITY | 2019 - 2021

EXTRACURRICULAR

VOLUNTEER MENTOR

MELBOURNE HS ROBOTICS | FEB 2019 - PRESENT

- Work in a team to mentor over 200 students in 30+ teams over 4 year levels who compete annually in Robocup Junior Australia.
- Teach Python, Arduino, CAD, and 3D printing from beginner to advanced levels.
- Building custom student and tournament management software based on Django and React for Robocup Junior Australia.

SYSADMIN & GENERAL REPRESENTATIVE

MONSEC (MONASH CYBERSEC) | SEP 2019 - PRESENT

- Maintain infrastructure for weekly workshops & CTF events.
- Created Docker containers for dozens of CTF challenges.

STUDENT CLUSTER COMPETITION TEAM

MONASH DEEPNEURON | MAR 2019 - PRESENT

- Training in High Performance Computing software and hardware on Monash's supercomputing cluster.
- Preparing for the Student Cluster Competition at the SC conference in Atlanta.

ANCILLARY COMMITTEE

MECC (MONASH MECHATRONICS) | SEP 2019 - PRESENT

- Attend committee meetings & help shape the direction of the club.
- Assist in planning & running events for Mechatronics Engineering students.

ELECTRICAL TEAM (SOFTWARE)

MONASH HUMAN POWER | NOV 2019 - PRESENT

- Create vision and telemetry software for a high speed recumbent bicycle.
- Created a real-time dashboard using React & MQTT.