

TOM NGUYEN

LOCATION: Sydney, Australia
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EXPERIENCE

PRODUCT ENGINEER INTERN - AUSTRALIAN GOVERNMENT

OCT 2019 - MAR 2020

- Worked with the team to rewrite an old application to adapt to the organisation's changing requirements
- Backend development with Java and PostgreSQL.
- Frontend development with React and Typescript.

SOFTWARE DEVELOPER - TIMEWEAVE

SEP 2018 - NOV 2019

- Involved in the expansion of Timeweave's support to other universities around the world.
- Developed web scrapers using Python and the Selenium toolkit.
- Worked with the backend stack, composed primarily of TypeScript microservices.
- Ported the app to React and Typescript.

BACKEND AND INFRASTRUCTURE HEAD - UNSW SECURITY SOCIETY

JAN 2020 - CURRENT

- Automated the deployment of services on Google Cloud.
- In charge of managing infrastructure for Capture the Flag competitions.
- Co-developed a Discord bot to manage the society's server.
- Ported the Society's website to a serverless platform to save costs associated with hosting.

ACTIVITIES

- ICPC Regional Finalist 2019
- Simon Marais Mathematics Competition
- NCSS Challenge Volunteer Tutor
- HS1917 - UNSW High School Computing

TECHNICAL SKILLS

- Languages: C, Python, JavaScript, Go, Visual Basic, PHP
- Frameworks: Flask, React, Express, Hugo
- Databases: PostgreSQL, MySQL, MongoDB, Redis
- Misc: Linux, Bash scripting, Docker, \LaTeX

EDUCATION

UNIVERSITY OF NEW SOUTH WALES

2018-2021

Bachelor Of Computer Science (Security) and Physics

Academic tutor for COMP2041 - Software Construction

Notable subjects:

- Computer System Fundamentals - 98
- Introduction To Programming - 90
- Computer Networks & Applications - 90
- Extended Operating Systems - 89
- Object Oriented Programming - 88

SYDNEY BOYS HIGH SCHOOL

2012-2017

Member of the First Grade Rifle Premiership Team (2016)

PROJECTS

COMP9447 - AWS WORK INTEGRATED LEARNING PROJECT

FEB 2020 - JUN 2020

- Designing and building a incident response system within the AWS Cloud

See tomn.me for more!

INTERESTS AND HOBBIES

- Programming
- Photography
- Rifle Shooting
- Electronics