

# TOM NGUYEN

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## EXPERIENCE

### AMAZON WEB SERVICES

#### SOFTWARE DEV ENGINEER I

APR 2021 - PRESENT

- Offered a full-time position on the conclusion of my internship.

#### SOFTWARE DEV ENGINEER INTERN

DEC 2020 - FEB 2021

- Designed and built a web-based frontend for a network change-management system
- Worked with AWS technologies such as EC2 and DynamoDB, as well as extensive internal tooling

### 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

## ACTIVITIES

- ICPC Regional Finalist 2019
- Simon Marais Mathematics Competition
- NCSS Challenge Volunteer Tutor
- UNSW Security Society - Backend and Infrastructure Head

- UNSW Security Society - Club Treasurer
- DownUnderCTF - Infrastructure Administrator

## 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

2018-2020

Bachelor Of Science (Computer Science) with Distinction

Academic tutor for:

- COMP2041 - Software Construction
- COMP1521 - Computer Systems Fundamentals

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

See [tomn.me](https://tomn.me) for more!

## INTERESTS AND HOBBIES

- Programming
- Photography
- Rifle Shooting
- Electronics

More details available on request.

Generated on 9 April 2021.