

Carey Li

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Experience

- Mar. 2018 - Present **DEVOPS ENGINEER** *Nasdaq, Inc*
Continuing with my prior duties, but also undertook and proposed new projects including:
- Containerization of existing CI pipelines with Docker, speeding up integration tests.
 - Packaging modern software tools to supersede versions available on CentOS 6.
 - Maintenance of internal tools & development of successors to reduce technical debt.
- Feb. 2018 - Present **PROJECT LEAD** *UNSW Computer Science & Software Engineering Society*
Management of the Bojangles CSESoc project, aiming to rewrite the popular timetabling solution used by the majority of UNSW to create their semester timetables.
- Nov. 2017 - Mar. 2018 **DEVOPS INTERN** *Nasdaq, Inc*
Undertook a series of projects, including:
- Implementation of an automated regression testing framework to aid test coverage.
 - Learning Puppet, migrating existing code to Puppet control.
 - Development of proof of concepts for new internal tools.
- Aug. 2017 - present **TUTOR** *University of New South Wales*
- Introduction to Programming (COMP1511), a entrypoint for beginners to programming to learn and proficiently use C.
 - Web Application Security (COMP6443), a course aimed at teaching students to both defensively program and analyse applications from a red teaming/attacker mindset. Developed intentionally vulnerable web applications as course material to enrich students' knowledge of common vulnerabilities.
- Aug. 2017 - Nov. 2017 **FRONT END DEVELOPER** *Sentral Education*
Developed a new user interface as part of the User Experience refresh team. Translated wireframe designs to functional web interfaces.

Education

- 2017-2019 **UNIVERSITY OF NEW SOUTH WALES** *B.Sc. Computer Science (Security Engineering)*
- Distinction Average (Weighted Average Mark 82.12)
- 2011-2016 **NORTH SYDNEY BOYS HIGH SCHOOL** *Higher School Certificate*

Skills

- Languages** Shell, HTML & CSS, JavaScript/NodeJS, SQL, Python, C/C++, and others.
- Development** Web applications, Git, *nix server & command line, shell scripting & automation.

Achievements

- 2016 **Facebook Bug Bounty Program**, Denial of Service vulnerability in Facebook Messenger.
- 2015 **Equal 1st**, UNSW Progcomp Main Round.