

Qiwei Yang

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CAREER PROFILE

Bachelor of Computer Science student at the University of New South Wales who has:

- Excellent team skills developed through extracurricular activities and course projects.
- A high level of motivation demonstrated in continuous self-learning.
- Strong problem-solving skills gained through various projects and part-time work experience.

EDUCATION

Bachelor of Computer Science
University of New South Wales (UNSW Sydney)

Expected Aug 2020

- Final year student

TECHNICAL SKILLS & CERTIFICATIONS

- C++, Python, Git, Shell, TS, JS, HTML5, CSS, Node.js, React.js, Redux
- AWS Certified Cloud Practitioner (2019)

RELEVANT EXPERIENCE

Part-time Node.js Developer
Ahead Of The Curve Pty Ltd

May 2019 - Present

- Implemented serverless APIs with AWS Lambda, API Gateway and DynamoDB.
- Built React UI components according to specifications.
- Continuous integration with Bitbucket and CircleCI.
- Utilized serverless framework and various AWS services.
- Designed and implemented AWS-CDK-bootstrap module that allows easy provisioning of AWS resources, using Node.js.

CSESoc Software Project Team
UNSW CSE Society

May 2018 – Present

- Implemented Jobs Board's backend APIs and Mocha tests, designed and built Vue.js UI components.
- Built a single-page web application with React frontend and Express that assists events management.

Personal Project

May 2019

My website version 2 (<https://qiweiy.me>)

- Created a serverless-single-page-restful-app using AWS SDK(JS) with a frontend developed through React and Material UI. Allows users to login and post blogs.

Developer Intern
ChangZhou Kingdee Software

Dec 2018 – Jan 2019

- Studied ERP system business processes and functionalities.
- Developed ERP (K/3 Cloud) custom plugins using C#.
- Built ERP business forms according to customer requirements and tested WMS workflow.

University Course Projects

University of New South Wales

- Built a desktop game using javaFX frontend and Java backend with application of design patterns. Gained further experience in working efficiently as a team.
- Developed software engineering skills by creating an application for students to post and register events. Used Python and Flask. Enhanced understanding of software development life cycle with Agile Methodology(XP).

COMPETITIONS & EXTRACURRICULAR ACTIVITIES

2019 CSEsoc hackathon

July 2019

UNSW

- Reached the 3rd place among 40 teams.
- Created a solution that solves the UN sustainable development goal no.12 (smart recycling)
- Built and deployed a web app that detects objects and classify them into garbage classifications based on different country's criteria. Used TensorFlow and trained with ResNet.

The Smart Games

Aug 2018 - Oct 2018

Co-hosted by Telstra and UNSW

- Designed a creative solution for smart utilization of energy by using Telstra IoT network and cloud computing technologies. Selected as one of the five finalist teams.

Language Exchange Program

2018

UNSW Australian Chinese Youth Association

- Organized weekly meetings for the group and engaged in sharing language and culture.
- Built close relationship with the group and gained further insights into cultural differences.

ADDITIONAL EXPERIENCE

Educational Consultant Intern

Jun 2018 - Aug 2018

JMISSC

- Provided university application services to international students.
- Developed new clients and maintained connections with them.
- Contributed articles to company's WeChat official account.

Middle school student private tutor

Dec 2017 – Feb 2018

Beijing Youwin Education technology limited

- Tutored middle school students, successfully helped students to achieve their goals.
- Designed personalised PowerPoints for students based on their academic level and objectives.

REFEREES

- Referee names and contact details available upon request.