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   Expected Aug 2020
University of New South Wales(UNSW Sydney)
- Penultimate year student

TECHNICAL SKILLS & CERTIFICATIONS

- C, Python, Java, Git, Shell, TS, JS, HTML, CSS, Node.js, React.js, Flask, SQL, Docker
- AWS Certifies Cloud Practitioner (2019)

RELEVANT EXPERIENCE

Part-time Node.js Developer   May 2019 - Present
Ahead Of The Curve Pty Ltd
- 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 conversion tool that allows easy provisioning of AWS resources.

CSESoc Software Project Team   May 2018 – Present
UNSW CSE Society
- Implemented Jobs Board's backend APIs and Mocha tests, 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   Dec 2018 – Jan 2019
ChangZhou Kingdee Software
- 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.