

# DONGYUN KANG

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## EDUCATION

**UNIVERSITY OF NEW SOUTH WALES** (FEB 2016 – MAR 2021)

Bachelor of Electrical Engineering (Honours) & Bachelor of Computer Science

## WORK EXPERIENCE

**2dm Digital, Sydney, Australia**

**Nov 2020 -- Present**

### Software Engineer

- Performed testing, improved API performance using Redis and optimised performance of browser-based 3D game for the Synergy PowerUp project
- Translated a legacy web app into modern TypeScript/JavaScript code using Vue on front-end and NestJS (A progressive Node.js framework) on back-end with PostgreSQL

## TECHNICAL SKILLS

- Programming: C/C++, Python, Java
- Database: PostgreSQL, MongoDB
- Web Development: React, Vue, TypeScript,
- Tools: GCP, AWS, Docker, GitHub/GitLab
- JavaScript/HTML/CSS, Node.js
- Scripting: Python, Shell script

## PERSONAL PROJECTS

### Face Recognition App

- Developed a full-stack image recognition app that uses Clarifai API for the face recognition
- Using React and Redux for front-end, and Node.js, Express.js and PostgreSQL for backend
- Live Demo: <http://ec2-54-79-238-165.ap-southeast-2.compute.amazonaws.com>

### Yelp Camp

- Developed a full-stack web app for reviewing campgrounds utilizing RESTful architecture
- Using Bootstrap4, Node.js, Express.js and MongoDB
- Live Demo: <https://yelpcamp-281002.ts.r.appspot.com/>