

# DONGYUN KANG

✉ [dongyun8338@gmail.com](mailto:dongyun8338@gmail.com)  
🌐 <https://portfo-8338.appspot.com>  
🐙 [github.com/Dongyun-Kang](https://github.com/Dongyun-Kang)  
🌐 [linkedin.com/in/dongyun-kang](https://www.linkedin.com/in/dongyun-kang)

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## EDUCATION

**UNIVERSITY OF NEW SOUTH WALES** (FEB 2016 – DEC 2020)

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

## TECHNICAL SKILLS

- Programming: C, C++, Python, Java, Erlang
- Database: PostgreSQL, MongoDB
- Web Development: JavaScript/HTML/CSS, React, Redux, Node.js, Express.js
- Version control: Git

## 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 back-end
- [Live Demo](#)

### Yelp Camp

- Developed a full-stack web app for reviewing campgrounds utilizing RESTful architecture
- Using Bootstrap4, Node.js, Express.js and MongoDB
- [Live Demo](#)

## UNIVERSITY PROJECTS

### Dungeon-style Puzzles

- Developed a desktop java application for dungeon-style puzzles that lets the user move a player around a dungeon and try to overcome various challenges in order to complete the dungeon by reaching some goals using Java, JavaFX, and GitLab

### Distributed Shared Memory

- Implemented user space page-based distributed shared memory system in C that enables a set of processes located on a collection of Linux hosts to share memory pages. Sequential consistency is to be realised using a simple multiple-reader/single-writer scheme implementing a write-invalidate policy

### An Online Healthcare Appointment Management System

- Developed an online HAMS that streamline the process of patients booking healthcare appointments and general practitioners sending referrals to specialists as a university group project using Python, HTML, CSS, Flask and GitHub