DONGYUN KANG

✉ dongyun8338@gmail.com
🌐 https://portfo-8338.appspot.com
🐙 https://github.com/Dongyun-Kang
in https://linkedin.com/in/dongyun-kang

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
- Web Development: JavaScript/HTML/CSS, React, Node.js
- Database: PostgreSQL, MongoDB
- Tools: Git, Google Cloud, AWS, Docker
- Scripting: Shell script, Perl, Python

PERSONAL PROJECTS

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/

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://ec2-3-25-239-161.ap-southeast-2.compute.amazonaws.com:3001/

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