KENT PHAN

@ kentphan2000@gmail.com   📞 626-292-2203   📍 Los Angeles, California
Name

EDUCATION

Bachelors of Science, Computer Science | University of California, Riverside

📅 October 2020 – July 2022   📍 Riverside, California

- GPA: 3.5
- Relevant Coursework: Intermediate Data Structures & Algorithms, Compilers, Operating Systems, Software Engineering, Natural Language Processing, Data Analysis, Computer Architecture

SKILLS

Programming Languages: C/C++ C# Python JavaScript HTML/CSS

Technologies: Unity ReactJS ExpressJS NodeJS Django MongoDB CMake Git Docker

EXPERIENCE

Secretary | Pasadena City College CS Club

📅 September 2019 – June 2020

- Introduced students to general programming concepts during workshops.
- Scheduled appointments, updated event calendars, and arranged staff meetings.

PROJECTS

Covid Dashboard

- Constructed a Django REST API with multiple endpoints to retrieve and update our database.
- Created front-end UI with React that establishes a client-server connection to send requests to the server.
- Optimized back-end data analysis methods to improve response time from server to client using incremental design.

A* Visualizer

- Implemented front-end UI grid where wall nodes are placeable and start and end nodes are moveable.
- Integrated A* search on a 2D grid in the background with NodeJS and mapped shortest path to the UI grid component.

Spell Checker

- Developed using NLTK and levenshtein distance to suggest words with the least amount of character differences between the incorrect words and suggested words.

RHealth

- Developed a C++ application that makes HTTP requests to public REST APIs with libcurl and curlpp.
- Implemented multiple different design patterns (i.e., strategy, facade) to allow code reusability reducing code redundancy.