

Chanun Sumphanphaisal

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Education

University of California, Irvine

Expected Graduation: June 2019

B.S. in Computer Science

Minor in Statistics

GPA: 3.4

Relevant Coursework

Introduction to Data

Management

Programming with Software

Libraries

Computer Networks

Data Structure Implementation and Analysis

Requirements Analysis and Engineering

Skills

Proficient in Python, C++, MySQL, Java, Javascript, React, React Native, CSS, HTML, NodeJS, MongoDB, PostgreSQL

Working knowledge on Android Application Development

Experience

THE PORTAL

Irvine, CA

Software Development Intern

July 2017 – Present

- Create features and fix bugs for React/Redux web applications and React Native mobile applications.
- Design backend system using Express.js and PostgreSQL to support a task scheduler web application.
- Implement user authentication and session using Java Web Tokens.
- Connect application backend system to AWS S3 for file upload and storage.

UCI ENVIRONMENTAL HEALTH AND SAFETY

Irvine, CA

Fire Safety Assistant

February 2016 – Present

- Help streamline data entry using Excel, reducing time spent on tedious work.
- Survey building deficiencies for damages and health hazards.
- Assist the fire safety coordinator with his fire safety training.
- Designed an interactive and visual PowerPoint to replace an outdated fire safety presentation.

VALLEY PRESBYTERIAN HOSPITAL

Van Nuys, CA

Escort Office Volunteer

Jan 2013 – Jan 2015

- Guided patients and their families comfortably and efficiently to their cars following the patient's discharge.
- Transported sensitive medical equipment throughout the hospital.
- Communicated with other volunteers to quickly and effectively respond numerous time-sensitive tasks.

Projects

Prelo (HTML, CSS, Javascript, NodeJS, MongoDB)

Designed a clone web application of Trello, a task organizer. Implemented account creation, allowing users to save their boards. Used Express.js web framework to create an API for account and board management. Allow users to share boards to other users implemented real-time update of board using Socket.IO.

Rehearselt (Java, Android)

Created an Android application designed to improve users' speaking skills by providing feedback on both the tone of voice and written speech. Implemented the audio recording feature which recorded the speech into a PCM file. Used a speech library to convert the PCM file to a text and applied a tone API to analyze the text.

RunningMan (Python)

Created a Python game application using a cross-platform GUI framework called Kivy. The game is a 2-D sidescroller where the player jumps to avoid obstacles. Designed the player's game physics and interaction with other game objects such as the platform and obstacles.