

Dennis Kim

Seeking Full-Time Software Engineering position

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denniskkim

Experience

Cubic Corporation – Software Engineering Intern

April 2016 – October 2016

- Developed automation tooling around the Air-Range team's infrastructure with a focus on software deployment.
- Developed a scripting tool that reads data from .csv file and generates source code file based on the data entries.

UC San Diego Computer Science Dept. – Tutor

April 2016 – June 2016

- Tutored under Professor William Griswold's course, Intro to Software Engineering.
- Directed technical labs that taught students various software tools.
- Held office hours to assist students with their group projects.

Projects

En Route

<https://en-routes.herokuapp.com>

HTML, CSS, JavaScript, nodeJS, jQuery+AJAX, Heroku

- Web-based application that allows users to search businesses close to their designated route within a mile proximity.
- Developed an algorithm that generates different latitude and longitude sub-points along the route using Google Map's API.
- Utilized the Yelp API to search businesses and display businesses based on a priority rank algorithm, which uses the rating and review count data.

Crisp - Project Lead

Android Studio, MySQL, Robotics

- Coordinated with a team to develop an android application that searches apples that are in season in correspondence to the date and user's preference.
- Designed the UI/UX and the workflow of the application.
- Adopted Agile development principles and utilized Robotics to design scenario-based unit test cases.

Noted

<https://ubicomp-noted.github.io>

JavaScript, Electron, Myo Gesture Control

- A PDF viewer application using Electron that displays external information, such as references, next to the PDF.
- Coordinated with a team of graduates and undergraduates to develop a ubiquitous software using sensory technologies.
- Developed the myo adapter with customizable gestures that allows users to maneuver the PDF using the Myo Gesture Control armband.

Web Portfolio

<https://denniskkim.github.io>

HTML, CSS

- Responsive portfolio made with simple animations to display information and accomplished projects.

Education

University of California, San Diego

B.S. Computer Science

Minor Business

Expected: June 2017

GPA: 3.1

Skills

Languages

- JavaScript
- Python
- HTML
- CSS
- Java
- C++

Library/Tools

- ReactJS
- JQuery + AJAX
- NodeJS
- Git
- Heroku
- JIRA
- VueJS

Concepts

- MVC Design Pattern
- Agile Development
- Graph Theory
- Data Structures/ Algorithms

Leadership

Lambda Chi Alpha

- Associate V.P External
- Philanthropy Chair

UCSD CSE Department

- Undergraduate CSE Tutor