

Contact

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Education

UC San Diego
B.S. Computer Science
Expected Graduation:
June 2017

Key Skills

Languages

JavaScript
Java
Python
HTML5
CSS3
SQL
MongoDB

Tools

React.js
React Native
Node.js
Express
Spring
Ext.JS
jQuery
SCSS
Handlebars

Concepts

Front End Development
HCI
Back End Development
REST
MVC
Ajax
Agile Development
Algorithms
Data Structures

Leadership

Undergraduate Business Network

- Web Master

Korean American

Student Association

- President
- Public Relations

Daniel Kong

Experience

Sony PlayStation | Front End Developer Intern

June 2016 – September 2016

- Completed a feature requested from a client, by creating front end UI components using the Ext.JS framework and building REST API's using the Java Spring Boot framework, for the company's internal product development software application.
- Set up a Continuous Integration Server using Jenkins 2.0 that automates running builds.
- Developed a view only version of the company's product development application in mobile web, Android, and iOS using React.js and React native to build the front end.
- Created REST API's with the Java Spring Boot framework, using Querydsl JPA and PostgreSQL, which would send and receive data to and from the React based application.

HCI Design (CSE 170) | Teaching Assistant

January 2017 – Present

- Facilitated weekly studio sections allowing students to present their design work, in order to receive constructive feedback from their peers.
- Wrote Python scripts which assisted in managing grades and class infrastructure.
- Assisted students on technical implementations for their design projects.

UCSD | Student Web Developer

September 2015 – Present

- Created mobile and web responsive elements using JavaScript, jQuery, HTML, and CSS for several websites under the University.
- Managed content posted by different department using Expression Engine CMS.
- Assisted in developing a new university calendar web application, that allows faculty and staff upload their own events.
- Integrated Campaign Monitor's API with the application in order to automate emails.

Amazon.com, Inc. | Student Brand Ambassador

August 2015 – May 2016

- Implemented on campus marketing strategies in order to promote Amazon Student.
- Coordinated events with a partner twice a month that yielded over 800 attendees, allowing UCSD to become one of the top schools with the most Amazon Student membership signups.

Projects

Reminder Bot

<http://github.com/dakong/Remindr-Bot>

- Developed an application that allows users to set reminders for themselves using Facebook's Chat Bot API.
- Created backend services using Express.JS, that stores a user's list of reminders in a MongoDB database.
- Utilized Cron Jobs to have the bot automatically send messages at a specified time.
- Integrated Wit.ai, a natural language processing API, to make the bot conversational.

UCSD Scatter Plot

<http://ucsdscatterplot-env.us-west-2.elasticbeanstalk.com>

- Created a data visualization tool using React.JS and D3.JS that displays course data at UC San Diego, by plotting each course with GPA received and hours spent studying.
- Utilized SQL.JS to perform in memory database queries in order to filter course data.

Emissary

<http://webstormtroopers.herokuapp.com>

- Served as Front End lead for a team that created an application that handles visitor check-ins and placed first among 10 teams.
- Implemented Socket.io to produce real time updates between parts of our application.
- Created various client side functionalities which handled employee and visitor objects.
- Devised wireframes, using Fluid UI and Axure, as well as created UML diagrams, and activity diagrams.