

Derek Park

Software Engineer

Experience

2016-01 - 2017-06	<div>Software Development Intern</div> <div>Rockwell Automation</div> <ul style="list-style-type: none">Created and deployed logical solutions for VantagePoint, Rockwell Automation's Mobile Web Application, using primarily JavaScript, jQuery, AngularJS, and other front-end languages in an Agile environmentImproved User Interface, frequently collaborating with UX engineers to heavily revamp pages with bootstrap and complex CSSModified or developed new unit tests for each development story using the Jasmine frameworkUpdated 40% of outdated E2E tests to be compatible with the newest version of VantagePointConstructed automated tests for ViewE, Rockwell's Embedded System Terminal, using Rockwell's own proprietary testing automation frameworkCreated a test script to automate previously manual tasks, improving efficiency as well as precision by over 10%
2015-01 - 2015-06	<div>Teaching Assistant</div> <div>Jack Baskin School of Engineering</div> <ul style="list-style-type: none">Assisted Professors for three different Computer Science classes: Introduction to Computer Science, Introduction to Programming (Accelerated), and Intermediate ProgrammingFacilitated weekly lab sections to introduce new assignments and provide assistance in any course mattersDesigned future programming assignments

Education

2012-09 - 2017-08	<div>University of California, Irvine (UCI), B.S. Computer Science</div> <ul style="list-style-type: none">3.52 GPAFavorite Courses: Advanced Computer Networks, Advanced Database Management, Artificial Intelligence, Computer Simulations, Mobile Applications
-------------------	--

Projects

- NoWait

- Android application that used user-reported data to estimate and display the waiting time of a restaurant
- Walk to Mordor

- Android application that relates a user's walking distance to Frodo's journey in the Lord of the Rings
- Fabflix

- Full-stack web application for searching movies and adding to a cart for movie rental. Implemented using MySQL database, Apache Tomcat servlet, and deployed on an AWS instance.
- SudokuSolver

- A.I. Sudoku Solver that used Constraint Satisfaction Problem methodologies in solving algorithms. Implemented with Java.
- Search Engine

- Search engine that could retrieve and rank URLs of HTML pages based on relevance to a query. Implemented in Python.

Personal Info

Website	https://derekpark1616.github.io/
Address	23806 Ocean Avenue Torrance, CA 90505
Phone	310) 533-7851
E-mail	derekpark1616@gmail.com

Languages

- Java
- JavaScript
- MySQL
- HTML/CSS
- Python
- Node.js
- C
- C++
- C#

Technologies

- Cisco Routers (Terminal Configuration)
- Linux
- Windows/Windows Server
- Git/Subversion (TortoiseSVN)