

Amanda Hernandez

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Education

University of California, Irvine
March 2019
B.S. Informatics, Minor in ICS

Work Experience

Dreams for Schools, Orange County, CA

September 2018 - Present

AppJams+ Program Mentor

- Support training and teaching of students in being familiar with Thunkable platform and Mobile Application Development

Mitchell International, Irvine, CA

June 2018 - September 2018

Software Engineering Intern, Casualty Solutions Group

- Deployed a legacy application using Docker containerization
- Created unit tests to measure throughput of Docker containers
- Built fluent API to simplify the use of configuration services like Eureka and Zuul

Projects

Movie Database Web Application

- Developed frontend and backend with a partner using Javascript, Java servlets, and MySQL
- Implemented various search functionalities
- Built accompanying Android app

KUCI Catalogue App

- Currently designing a system for KUCI Librarian to catalogue KUCI's physical music library into a database and display the music to KUCI staff through a web application, built on the MEAN stack

Technical Skills

Python - Advanced
Javascript - Intermediate
Java - Intermediate
Windows Powershell - Intermediate
SQL - Intermediate

Adobe Illustrator - Intermediate
Docker - Intermediate
Angular - Beginner
Node JS - Beginner
C# - Beginner

Activities/Clubs

KUCI - Marketing Director, Radio Show Host of *Belly of the Beat*, Live Band Engineer

SHPE - Tech Committee Chair

WICS - Committee Member

UCI Volunteer Programs - Alternative Spring Break 2017

Achievements

- WCS Innovation Days Award - Mitchell International, July 2018
- Recipient of Grace Hopper Scholarship from BRAID & UCI Bren School of ICS, 2016 & 2018
- Deans Honor List - Spring Quarter 2018