

EDUCATION

University of California, San Diego

Expected Graduation: June 2018

B.S. Mathematics-Computer Science

Minor: Business

Relevant Coursework: Algorithms | Advanced Data Structures | Software Engineering | Object Oriented Programming and Design | Business Project Management

EXPERIENCE

Investment Technology Group

June 2017 – August 2018

Software Engineering Intern

- Reduced login time for execution management system to consistently be 80% faster.
- Implemented new server login architecture while working on client-side logic in C# and C++.
- Participated in daily stand-ups and took part in all stages of the agile development workflow.

TruMed Systems

January 2017 – June 2018

Software Engineering Intern

- Wrote and verified unit tests, bringing code coverage measurements to team.
- Participated in sprints and became familiar with agile development workflow.
- Currently working on improving system start time by improving asynchronous responsiveness in C#.

Molina Healthcare

June - August 2016

Web Developer Intern

- Created enterprise level .NET MVC budget applications, prioritizing quick access and entry of data.
- Implemented CRUD applications and designed databases for budget programs.
- Provided input in SQL to Oracle database migrations.

Support, Encourage and Develop for Children

October 2014 - Present

Computer Science Tutor

- Piloting program at Will C. Crawford High School by teaching computer science to students with Python by using Raspberry Pis and LED boards.
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PROJECTS

Buson Generator

Java

- Created Markov Chain text generator to pseudo-randomly generate haikus based off input text.

LoadMoreComments

JavaScript

- Google Chrome content script extension that automatically loads up to the 1500 comment limit on Reddit threads.

CoupleTones

(School Project) Java, Firebase, Google Maps API

- Android application that allows users to pair up and be push notified when visiting user set favorite locations.

Schedlr

(LA Hacks 2016) C#, Google Calendar API

- Constructed scheduling app that allows individuals to create events with priorities, that are then automatically added and scheduled to the user's Google Calendar.
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LANGUAGES / TOOLS

Working Knowledge: C#, Java, C, C++

Basic Knowledge: HTML, CSS, Python, JavaScript, SQL

Tools: Git, Vi, Android Studio, JIRA, XML

Systems: .NET, Unix