

Derek R. Argueta

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Education

Brigham Young University – Provo
Bachelor of Science in Computer Science

April 2017
2.71 GPA

Skills/Interests

Computer Programming

- Fluent in Java, Python, HTML, CSS, Swift, Objective-C and Go
- Proficient in C/C++, ASM, JavaScript, Bash, and Groovy
- High interest in server-side systems and building infrastructure

Databases

- Fluent in SQL
- Experience with standard relational databases such as MySQL, PostgreSQL, and SQLite
- Experience with NoSQL databases such as MongoDB, RabbitMQ, Memcached, and Redis

Hardware

- Have worked with the TI-MSP430, Raspberry Pi, and various Atmel AVR microcontrollers including Arduino
- Fundamental knowledge of circuitry, hardware design, and robotics
- Experience with Verilog and Xilinx development tools

Work Experience

QA Engineering Intern

March – Aug. 2015

Domo Inc. – American Fork, UT

- Write automated test scripts using Groovy, Geb, and Spock
- Write internal tools for the QA team using Python and Go
- Write test cases for new features of the Domo platform

Software Engineer

Feb. 2014 – March 2015

Verisage – Provo, UT

- Create full-stack iOS and web applications using Objective-C, Django (Python), and AngularJS.
- Handle all aspects of software development including project management, development, and deployment.

Course Instructor

March 2014 – March 2015

Coding Campus – Provo, UT

- Assist teaching the Django + AngularJS classes
- Develop and teach curriculum for the new M.E.A.N. stack class
- Achieved 96% job placement with graduated students

Projects

Mynz

- Developed a game for the Apple Watch at the 24 hour hackathon AngelHack: San Francisco
- Focused on the placement on “traps” at actual geographic locations for friends to interact with
- Won 2 sponsored prizes

Lobby Kiosk iOS/Web App

- Created an internal iOS and web application for Domo Inc. consisting of iPad kiosks that visitors can sign-in on, a web application where employees can schedule a new appointment, and an iPad app for the receptionist to monitor visitors
- Powered by a Django + PostgreSQL backend

Notable

- Eagle Scout
- Finalist in BYU Rollins Center for Entrepreneurship & Technology Mobile App Contest 2014
- Founder of Utah Meetup group Utah Node.js Ninjas
- Frequent Speaker & Presenter at Coding Campus, Utah Code Camp, and several meetup groups
- Participant at HackTX 2013, MHacks 2014, and AngelHack: San Francisco 2015
- Officer of BYU Association of Computing Machinery (ACM) and Society of Hispanic Professional Engineers (SHPE)
- Contributor to open-source projects for NASA and Sendgrid