

INTERESTS

Mobile Development

Full Stack Development

Machine Learning

EMPLOYMENT

Software Engineer, Intern

Zuora

Summer 2017

- Designed, documented, implemented, and pitched a customizable customer care portal to allow reps to view, edit and modify data in Zuora/Salesforce tenants.
- Developed the Solution with Salesforce's Lightning component framework using HTML, Javascript, APEX and Salesforce's community builder.
- Developed scalable code, participated in code reviews in the agile development process and developed technical development report outlining the engineering process.
- Solution replaced an earlier product called BAM(Billing Account Manager)

Software Engineer, Intern

Zuora

Summer 2016

- Designed, documented, implemented, pitched, and deployed Automated Event Based Submission Framework, a Salesforce for Zuora application.
- Converted technical requirements into a complex program using APEX and Visualforce.
- Finished project in 50% of expected timeline, was able to add functionality beyond initial requirements including a DocuSign integration.

Intern

Intel

Summer 2014

- Worked on human-centered design processes and methods amongst a team of undergraduate engineers interning for Intel's Ultimate Engineering Experience.
- Participated in teams to identifying an unmet consumer need (Food choice literacy), brainstorming, competitive landscape and consumer research (Sacramento Food Bank).

Math & Computer Science Tutor

Cabrillo College

Winter 2016 - present

- CS Courses: Intro to C++, Advanced C++, Intro to Java, Advanced Java, Computer Organization and Assembly, Discrete Math.
- Math Courses: Pre-Calculus; Calculus I; II; and III; Differential Equations; Linear Algebra.
- Tutor remedial mathematics up through calculus series, differential equations and linear algebra.
- Held weekly review sessions for students through the colleges supplemental instruction program.

Inside Sales

Funkey

Summer 2016 - Winter 2017

- Gathered customer requirements so as to recommend best possible products according to needs.
- Responsible for lead generation for the greater SF region down through Monterey County and Hawaii region.
- Held demos to showcase CRM, billing and diagnostics software features

EDUCATION

Santa Cruz, CA

University of California

Expected Dec 2017

- B.S. in Computer Science
- Coursework: Operating Systems; Databases; Algorithms; Programming Languages; Comp. Architecture; Artificial Intelligence; Mobile App Development; Software Engineering.

TECHNICAL EXPERIENCE

Projects

NewsRank **Django Developer** **Full Stack**

- News Reliability ranking website to detect bias, general population perception, accuracy and factual reliability.
- Implemented machine learning algorithm to filter out unreliable sites.
- Tools used included natural language processing, sentiment analysis and supervised learning.

CloudVision **Android Developer** **Mobile**

- Virtual closet management application.
- Used Google vision API's to classify clothing i.e., shirt, pants, shorts.
- Implemented computer vision algorithm to filter background to improve accuracy of item classification.

WaterScan **Android Developer** **Mobile**

- Encouraged conservation of water through use of barcode scanner which scanned food and rated according to water usage.
- Developed algorithm to rank water required to produce 1 unit of item.
- Used Facebook's SDK and API's to allow user to login to set up account and post to page

ADDITIONAL EXPERIENCE AND AWARDS

- **Mary B. Ratcliff Engineering Scholarship:** Awarded \$1000 Scholarship.

LANGUAGE AND TECHNOLOGIES

- C++; Python, C; Java; SQL; JavaScript; APEX; HTML; CSS; XML; Bootstrap
- Django; Google Cloud Platform; Google App Engine; Firebase; Heroku; Git.
- Salesforce Development; Android Development; Web Application Development; Used many and adept at picking up new APIs; REST calls; Agile Development; Scrum

REFERENCES

Steve Hodges **Department Chair for Computer Science** **Cabrillo College**

- Email: steve@steveh.net
- Familiar with my computer science knowledge and tutoring ability.

Samuel Kuldinow **Internship Mentor** **Zuora**

- Email: samuel.kuldinow@zuora.com
- Familiar with my project planning and software engineering experience.

Bhupinder Hayer **Director of Global Services** **Zuora**

- Email: bhupinder.hayer@zuora.com
- Familiar with my project results and software engineering experience.