

Froylan Valencia

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Pursuing a position in software engineering upon graduation in December of 2017; I am excited to learn new programming languages, frameworks and API's. Interest of mine include artificial intelligence, natural language processing, sentiment analysis, and web/mobile development. Most of all I love to code! Letter of recommendation from previous Software Engineering internship program director available upon request.

EDUCATION GPA : 3.40

University of California, Santa Cruz

B.S. Computer Science

Cabrillo College, GPA: 3.63/4.0 CS GPA: 4.0/4.0

A.S. Computer Science

Santa Cruz, CA

Expected Dec 2017

Aptos, CA

Aug 2015-May 2016

WORK & INTERNSHIP EXPERIENCE

Zuora HQ - Professional Services Group

INCOMING 2017 Summer Software Engineering Intern

San Mateo, CA

June 2017-Aug 2017

Zuora - Global Services Group

2016 Summer Software Engineering Intern

Atlanta, GA

June 2016-Aug 2016

- Converted tech spec into a complex program using APEX and Visualforce on the Salesforce platform
- Developed the framework for an unmanaged package to support automated event based submission.
- Finished project in 50% of expected timeline, was able to add functionality beyond initial requirements.
- Developed scalable code, participated in code reviews in the agile development process and developed technical development report outlining the engineering process.

Cabrillo College

(1) S.A. Level 4, Tutor/Supplemental instruction Computer Science

(2) S.A. Level 3, Tutor/Supplemental instruction, Mathematics

Santa Cruz, CA

Jan 2017-present

Jan 2016-June 2016

- (1) Hold midterm and final review sessions for Data Structures and Algorithms class.
- (1) Tutor Algorithms, Discrete Math, Assembly and Computer Organization, Intro to C++/Java.
- (2) Tutor remedial mathematics up through calculus series, differential equations and linear algebra.
- (2) Held weekly review sessions for students through the colleges supplemental instruction program.

Intel Corporation

2014 Summer Intern for Intel Ultimate Engineering Experience

Sacramento CA

June 2014-July 2014

- Problem solving current issues in the community, created web application to encourage healthy eating.
- Programmed 4 motor Quadcopter using Arduino FPGA microcontroller.

Funkey Inc,

Inside Software Sales Rep.

San Francisco Bay Area, CA

Aug 2015-Jan 2016

- 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.

Venice Whaler (Los Angeles)

CA

High Volume Sales Server

Venice,

May 2015- Aug 2015

- Work in fast paced high volume tourist restaurant.
- Average daily sales: \$2500-3200, Average daily tips: \$200-500
- Generated over \$100,000 in revenue over peak summer season. (9 weeks)

WEB and APP DEVELOPMENT

NewsRank (in progress Fake News detector)

Django Web Development application.

Estimated completion Summer 2017.

- News Reliability ranking website to detect bias, general population perception, accuracy and factual reliability.
- Tools being used include natural language processing, sentiment analysis and reinforcement learning.

Cloud Closet Android app

Java Android Software Development

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

Water Conservation Android App

Java Android Software Development

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

Daily Fantasy football application.

C++ Software Development

- Lineup optimization when given a csv file containing the player data from DraftKings.com.
- Ran 20 tests 10 with application and 10 without. Application outperformed vs human 4 to 2 wins.

AWARDS & Links

- Mary B. Ratcliff Engineering Scholarship recipient \$1000
- Intel Hackathon, Awarded 1st place in the company's programming competition for interns.
- Sierra Nevada Brewing Competition Received an award for most alcohol sales amongst servers.
- GitHub: github.com/froyvalencia contains Algorithm and data structures implementations as well as games and apps.

SKILLS

Computer: C++, Python, C, Java, SQL, SOQL, APEX, Visualforce, REST and SOAP API's, HTML, CSS, JavaScript.

Computer tools: MacOS, Linux, Unix, Windows, Git, Github, Salesforce platform, G suite.

Language: Fluent in Spanish.