

Stephanie Chang

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Work Experience

Software Engineering Intern: AOL

San Mateo, CA

Summer intern on ad client team at Adap.TV by AOL

Jun 2016 – Sep 2016

- **Javascript, HTML/CSS** – wrote high-impact video infrastructure features that detected user percent viewability of an ad in current/parent windows to increase efficiency by estimated 500% and prevent publisher fraud
- **Python** – engineered logic to perform more efficient tests for both Javascript and Flash unit tests in house
- **Bash** – improved and fixed buggy internal testing logic to better capture network and beacon traffic of ads

IT and Web Dev Assistant: UC Davis

Davis, CA

Student assistant in UC Davis Bioinformatics Core

Nov 2015 - Current

- **Python, Jinja, RegEx, Javascript** – assisted Bioinformatics Core web developers with various applications, such as traversing OS paths and finding module lab packages available and displaying them in the Portal
 - **zsf** – allocated raids and memory pools, maintained drives, servers, and server rooms, installed GPU nodes
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Projects

Delphi

/hack hackathon

2016

Javascript, HTML/CSS, Swift, XCode, JQuery

- engineered iOS and web application that determines if one can go stargazing tonight by scraping weather conditions and location using various APIs

Lilypad

Spectra hackathon

2016

Python, Flask, PostgreSQL, Javascript, HTML/CSS, JQuery

- implemented Youtube API, Google authentication, and front-end for web application that allows users to filter and upload potential roommate videos

asterisk*

HackDavis hackathon

2016

Javascript, JQuery, HTML/CSS, RegEx

- wrote a Chrome extension that highlights gender biased and derogatory language on a web page and offers gender neutral or inclusive suggestions
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Extracurricular Experience and Honors

- **Secretary, Internal Vice President:** Officer, UC Davis Computer Science Club 2015-16, 2016-current
 - **CRA-W Research Scholar:** Grace Hopper Conference 2016 2016
 - **Clarifai Champion:** Devangelist at Clarifai, a machine learning startup in NYC 2016-current
 - **Volunteer Instructor:** Girls Who Code, Sacramento 2016-current
 - **Retention Coordinator:** Officer, UC Davis Asian Pacific Islander Queers 2014-15
 - **Cast member, writer:** V-Stories by the UC Davis WRRRC 2013-14
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Programming Languages, Skills, and Libraries

Proficient C, C++, Java, Python, Javascript, HTML/CSS, Twitter Bootstrap, UNIX/OSX, git, LaTeX, SQL

Comfortable Django, Flask, Bash, Powershell, Swift, Matlab, R, JQuery, RegEx, Jinja, Ruby, AJAX

Relevant Coursework

Taken Data Structures, Theory of Computation, Algorithm Design, Cryptography, Statistical Modeling in Computer Science, Programming Languages, Operating Systems, Computer Architecture, Databases

Projected Software Engineering, Senior Design Project

Education

University of California, Davis

Davis, CA

Primary Major: Computer Science (B.S.), **Secondary Major:** English (B.A.)

Sep 2013 - Current

Minor: Women, Gender, and Sexuality Studies

Graduating: Jun 2017