

# 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 percentage viewability of an ad in current and parent windows to greatly increase efficiency 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, 2016-17
  - **CRA-W Research Scholar:** Grace Hopper Conference 2016 2016
  - **Clarifai Champion:** Devangelist at Clarifai, a machine learning startup in NYC 2016-17
  - **Volunteer Instructor:** Girls Who Code, Sacramento 2016-17
  - **Retention Coordinator:** Officer, UC Davis Asian Pacific Islander Queers 2014-15
  - **Cast member, writer:** V-Stories by the UC Davis WRRC 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

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## 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

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## 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