

# Stephanie Chang

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★ <https://stephanieischang.me>

## WORK EXPERIENCE

### Software Engineer, Platform API team – GoDaddy

Sep 2017 - Present

- Regularly saw through the full lifecycle of code – wrote features, Swagger documentation, and BDD tests for our Java Vert.x API Gateway and several other internal GoDaddy REST APIs (Node.js or Java Vert.x); reviewed pull requests; deployed code using CICD with Github, Jenkins, Kubernetes, Artifactory, and Docker
- Created design documents and investigative SPIKES that were presented to several scrum teams: designing merge API endpoints, JSON schema validation, and investigating rate limiting for our social API credentials
- Mentored a summer intern in 2019 – onboarded and guided him through his intern project of optimizing one of our APIs, improving response times by 1500%, along with encrypting on premise PII data at REST using AWS KMS
- Was part of creating, deploying, and moving a new PII sensitive API to AWS, along with helping with developing sync backs for production data – familiar with ECR, KMS, EKS, Firehose, Kinesis, and other AWS tools
- Containerized old Django-developed Developer Portal using Docker and Kubernetes, along with revamping, creating, and designing the new Developer Portal with the team using React.js and Swagger UI

### Software Engineering Intern, Ad Client team – Adap.TV by AOL

Jun 2016 – Sep 2016

- Wrote high impact video infrastructure features that used geometric detection to calculate percent viewability of an ad in current and parent iframe windows; increased efficiency by estimated 500% to prevent publisher fraud
- Engineered logic to perform more efficient tests for JavaScript and Flash unit tests for our ad testing framework
- Improved and fixed buggy internal testing scripts to better capture various network and beacon traffic of ads

## PERSONAL PROJECTS AND HACKATHONS

### Skincare Compare

<https://skincarecompare.me>

- Wrote a fully client-side web application that compares a .csv of skincare ingredients and scrapes CosDna pages and generate comparisons to the user

### /hack hackathon

Delphi

- Engineered an iOS and web application that determines if one can go stargazing the night of by scraping weather conditions and location using various APIs

### Spectra hackathon

Lilypad

- Integrated the Youtube API, Google authentication, and Postgres into a Flask web application that allows users to filter and upload potential roommate videos.

### HackDavis hackathon

asterisk\*

- Wrote a Chrome extension that traverses the current webpage and highlights gender biased and derogatory language and offers more inclusive suggestions

## EXTRACURRICULARS AND HONORS

<b>Secretary, VP</b> – UC Davis Computer Science Club	2015-17
<b>CRA-W Research Scholar</b> – Grace Hopper	2016
<b>Clarifai Champion</b> – Clarifai	2016-17
<b>Volunteer Instructor</b> – Girls Who Code	2016-17
<b>Retention Coordinator</b> – UC Davis API Queers	2014-15
<b>Writer and Cast</b> – V-Stories, UC Davis WWRC	2013-14

## EDUCATION

### University of California, Davis

June 2017

- Computer Science, B.S.
- English, B.A.
- Gender & Sexuality Studies, Minor

## TECHNICAL SKILLS

**Languages** C, C++, Java, Python, Javascript, Web development, LaTeX, R

**Frameworks** Java Vert.x, Twitter Bootstrap, JQuery/Ajax, Swagger API, React.js, Mockito

**Tools** Docker, Kubernetes, Kibana, Amazon Web Services (AWS), Git/Github, UNIX, IntelliJ, Jenkins

**Databases** Elasticsearch, Aurora DB, SQL, MySQL, Postgres