Stephanie Chang

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TECHNICAL SKILLS

Languages	C, C++, Java, Python, Javascript, Web development, LaTex, R, JSON
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	Elastisearch, Aurora DB, SQL, MySQL, Postgres

WORK EXPERIENCE

Software Engineer, Platform API team – **GoDaddy**   *Sep 2017 - Present*

Skills — *Vert.x Java, Docker, Kubernetes, Github, Mac environment, MySQL, Aurora DB, Cassandra, Jenkins, Swagger, Artifactory, AWS tools (ECR, KMS, EKS, Firehose, Kinesis, etc), BDD testing (Junit, Mockito), React.js, Node.js*

- 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 GoDaddy REST APIs, written in Node.js or Java Vert.x
- Created design documents and investigative SPIKEs that were presented team-wide (12-16+ people): designing customer merge API endpoints, JSON schema validation, and investigating rate limiting for our social API credentials

Selected Projects

- Wrote from the ground up REST endpoints (GET, GET ALL, POST, DELETE, PUT, PATCH) for several APIs - Social Profile API, Venture API, Contact API, along with refactoring/optimizing other APIs, such as the Customer API
- Implemented team's first Swagger to JSON validation schema that is currently being used by all our team's APIs,

Contact API

- Worked in a SCRUM team of four to deploy/provision accounts for a PII sensitive API and its respective Journal API in AWS; set up ECR, EKS, S3, Kinesis, and other AWS tools, and delivering it on a fast-paced deadline
- Implemented encryption through KMS, along with helping with our sync pipeline for customer production data

Venture API

- Added support for reading/merging from two databases (Cassandra and Aurora DB) and normalizing data
- Onboarded and mentored summer intern 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

Social Profile API

- Integrated API with several social networks (Facebook, Yelp, Twitter, Google Places) and normalized data to feed into a Graph API – the social data collected will be used to help GoDaddy customers expand their business

Developer Portal

- With a SCRUM team of five, containerized our old Django Developer Portal using Docker and Kubernetes, along with revamping, designing, and creating the new Developer Portal using React.js and Swagger UI

Software Engineering Intern, Ad Client team – **Adap.TV by AOL**   *Jun 2016 – Sep 2016*

Skills — *JavaScript, JQuery, HTML/CSS, Python, Flash, git, gerrit, Github,, MacOS and Linux environments*

- 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
- Fixed internal scripts for JavaScript/Flash unit tests to better capture various network and beacon traffic of ads

EDUCATION

University of California, Davis

June 2017

- Computer Science (B.S.)
- English (B.A.)
- Gender, Sexuality, and Women's Studies (Minor)

Organizations & Honors:

- UC Davis Computer Science Club   - Vice President
- UC Davis Bioinformatics Core   - IT Assistant
- Asian Pacific Islander Queers   - Coordinator
- V-Stories, Women's Center   - Cast/Writer
- Girls Who Code, Sacramento   - Instructor
- Grace Hopper Conference   - CRA-W Scholar

PROJECTS AND INTERESTS

Projects

Skincare Compare – https://skincarecompare.me

- Wrote a web application that compares skincare ingredients and scrapes CosDna pages

Delphi - /hack hackathon

- Engineered an iOS & web application that determines if one can go stargazing by scraping weather/location

asterisk* - Hack Davis hackathon

- Wrote a Chrome extension that highlights gender biased language and offers more inclusive suggestions

Interests – buying books I'll never have time to read, thinking of witty captions for my cats' Instagram, playing addictive video games until super late, and Sriracha