

ANNE KAO

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EDUCATION

University of Southern California
Bachelor of Science in Computer Science

Los Angeles, CA
Graduating May 2016

WORK EXPERIENCE

Google

Software Engineering Intern

- Contributed to open-source project, Chromium, on the Chrome Extensions team
- Integrated service workers, a feature existing in webpages, with extensions allowing an extension to register a service worker and use its APIs
- Implemented a feature that allowed a service worker to wake up an extension's background page

San Francisco, CA
Summer 2015

USC Viterbi School of Engineering

Teaching Assistant

- TA for introductory major and non-major level computer science classes
- Responsibilities include grading assignments, leading labs, and holding office hours

Los Angeles, CA
Spring 2015 - Present

Information Sciences Institute

Undergraduate Researcher

- Analyzed middle school learning for life/physical sciences in discussion forums
- Compared discussion/vocabulary to NGS standards and middle school textbooks
- Used NLTK and lxml libraries in Python to tokenize, stem, and spell check
- Used MALLET on the command line to topic model

Marina Del Rey, CA
Summer 2014

EXTRACURRICULARS

USC Code the Change

Developer

- Student organization developing free digital products for non-profits/social enterprises
- Working with Los Angeles' Neighborhood Council Sustainability Alliance to build a web portal for community members to share resources and post discussions, waterhub.ncsala.org/
- Working as a full-stack developer on a team of seven using MongoDB, Express.js, React, Flux, and Node.js

Fall 2015 - Present

PROJECTS

Web Submit, websubmit.org (Meteor.js, HTML/CSS/Javascript)

- Supporting a website that allows user to post links and photos that can be "upvoted" and "downvoted" by the community
- Implementing a redesign and fixing security flaws including holes in admin access

Current

FestivalPlay (Java/Play Framework, HTML/CSS/Javascript)

- Developed a web application that performs search queries for music festivals
- Using a query, a list of artists performing and their top 3 songs are added into a newly created playlist on Spotify

Fall 2014

LANGUAGES

Java, C++, Javascript, HTML/CSS, PHP