

Charlie Wang

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Relevant Experience

Engineer @ Google Workspace

Oct 2019 – Present // Sunnyvale, CA

- Designing and integrating frontend components for the Docs Editor side-by-side editing experience within collaborative chat workspaces
- Contributor for Meet in Gmail integration to make video conferencing available to 1 billion+ users in response to COVID-19

Engineer @ Gmail

Sep 2017 – Oct 2019 // Mountain View, CA

- Designed and implemented full screen chats for Gmail Chat integration
- Led effort to implement Gmail Chat pre-submit test suite and instrument memory regression testing for 50+ tests
- Project lead for product visual excellence and browser parity
- Worked on various projects for Google Material UI refresh
- Contributor to Chat message search integration in Gmail
- Contributor to large-scale datalayer migration involving 100+ engineers

Intern @ Inbox

May 2016 – Aug 2016 // Mountain View, CA

- Created command-line tool to visualize code coverage of client-side JS executed when loading an Apps Framework app
- Identified lines of JS in 900+ Closure modules that can be lazy loaded to reduce initial payload to 500kB
- Technologies used: Node.js, Istanbul, PhantomJS
- Prototyped JS sandbox within Gmail message threads and created proof-of-concept poll application using App Engine

Intern @ TrackRevenue

May 2015 – Oct 2015 // San Francisco, CA

- Implemented responsive UI and backend for the signup flow and referral links, developing with PHP and jQuery on top of Symfony2 to update the platform to support RESTful architecture
- Built efficient database scheme for statistics reports, incorporating jQuery AJAX techniques to display large data sets in UI
- Utilized CRON jobs to monitor advertising domains on the server and report information to Product team

Administrative Assistant @ Center for E3S

Jan 2014 – May 2015 // Berkeley, CA

- Engaged in outreach initiative to bring research opportunities to 37 historically underrepresented communities
- Facilitated seminars in efficient engineering sciences for professors from MIT, Stanford, UCB, and the NSF

Skills

Languages

Javascript, HTML5, CSS/Sass, Java, Python, PHP, SQL, C

Frontend

React, Gatsby, Bootstrap, jQuery, Google Closure

Backend

Node.js, Flask, Symfony2, MySQL, Google App Engine

Automation & Databases

Selenium, MySQL, Dremel/F1

Tools & Platforms

Git, IntelliJ, Visual Studio, Windows, Unix, WordPress

Design

Photoshop, Premiere Pro

Other skills

Team building, event planning

Education

UC Berkeley

2013 – 2017

B.A. Computer Science

University of Copenhagen

2016

UCEAP Study Abroad

Volunteering

Second Harvest Food Bank, Tax-Aid, National MS Society, VolunteerX

Interests

Music, piano, SSBM, basketball, yoga, meditation, blockchain