

# AMY CHEN

amyjchen.com | me@amyjchen.com

**ABOUT** AMY CHEN IS A PROGRAMMER, ARTIST, && WRITER AT STANFORD

**EDUCATION** STANFORD UNIVERSITY, STANFORD, CA | 3.809 GPA

BS '18 Computer Science (Human-Computer Interaction), Art Practice Minor  
MS '19 Computer Science (Real-World Computing)

**EXPERIENCE** SOFTWARE ENGINEERING INTERN (ONE CONCERN)

PALO ALTO, CA | JUNE 2018 - SEPT 2018

- Took ownership of two new features on the Seismic product, working on every component of the stack (Ruby on Rails, JS, Python, NodeJS, Mapbox, PostgreSQL).
- Presented a new feature at a Town Hall and to a client.
- Coordinated with data science, design, and customer success to define objectives and complete features in time for product demo deadlines.
- Discovered and fixed bugs on the Seismic product.

SEARCH EXPERIENCE ENGINEERING INTERN (EBAY)

SAN JOSE, CA | JUNE 2017 - SEPT 2017

- Wrote user-centric timers measuring perceived load and response on Search.
- Wrote Chrome Developer Tools Extension. See *PROJECTS/SPEEDII*
- 1st place in eBay's Intern Hackathon: Presented at All Hands and to CEO. Identified and proposed solution to issue affecting women of color on the site. Team of eight.
- 3rd place in eBay's Hack Week: Proposed branding strategy focusing on small businesses with relevant UI components.

DESIGN INTERN (ACXIOM LABS)

REDWOOD CITY, CA | JULY 2016 - SEPT 2016

HUMAN-DRONE INTERACTION RESEARCH INTERN (STANFORD)

STANFORD, CA | JUNE 2016 - AUG 2016

- Wrote script directing drone movement (takeoff, go to selected destinations, land).
- Wrote Processing program that interprets user gestures via Structure sensor-to-computer TCP socket, updating a map/guide interface accordingly.

DIRECTOR (SPOKEN WORD COLLECTIVE)

STANFORD, CA | SEPT 2014 - JUNE 2018

**PROJECTS** IQUEUE FALL 2017 - WINTER 2018

Mobile app for efficient queueing. Groups students into small, topic-based groups to make office hours more collaborative and efficient (React Native, Heroku).

ORION WINTER 2018

Mobile puzzle game based on the patterns of constellations (Unity).

SPEEDII SUMMER 2017

Chrome DevTools Extension for web developers. Shows user-centric times with insights into possible problems (Chrome Extension, Real User Measurement Performance APIs).

THE ARTIST IS PRESENTED SPRING 2017

Facebook live video of the artist that responds to Reacts (Fb Graph API, Processing).

HUMAN IN THE MIRROR SPRING 2017

"Prosopagnosia Mirror" that captures and blurs the user's face (Processing, OpenCV).

**SKILLS** Proficient in Javascript & Python. Experience with Ruby on Rails, PostgreSQL, d3, React Native, Unity, Mapbox, Processing, Chrome Extensions, Facebook APIs. Public Speaking, Installation & Interactive Art, Design, Writing/Editing, Photoshop, Illustrator & InDesign.