

Kristin Yin

www.kristinyin.com
kristinyin@gmail.com | 949-205-9539

EDUCATION

CARNEGIE MELLON UNIVERSITY

BACHELOR OF COMPUTER SCIENCE AND ARTS

Expected Dec 2018 | Pittsburgh, PA
GPA: 3.54 / 4.0

LINKS

Github:// [kristing400](#)
LinkedIn:// [kristin-yin-347b60110](#)

AWARDS

Facebook Global Hackathon Finals: Top 6
TartanHacks: Best Social Impact Award
HackCMU: Best Mobile App
Spring 2018 Dean's List
Fall 2017 Dean's List
Fall 2015 Dean's List

PROGRAMMING

PROFICIENT

Java | TypeScript | Python
CSS | HTML | SML | React
GraphQL | C | Git | Ruby

INTERMEDIATE

Kubernetes | Flask | SQL
Django | Unity | MATLAB
Arduino | \LaTeX | OpenFrameworks

COURSEWORK

Parallel & Sequential Algorithms
Great Theoretical Ideas of CS
Computer Systems
Functional Programming
Imperative Programming
Cognitive Robotics
Experimental Game Design
Computer Vision
Experimental Capture
Interaction Design Overview
Designing Human Centered Software
Persuasive Design
Modding & Remixing
Art & Arduino
Digital Fabrication
Linear Algebra & Matrices
Discrete Math

EXPERIENCE

AIRBNB | SENIOR SOFTWARE ENGINEER

March 2019 - Present | San Francisco, CA

- Tech lead on Payments Incentives and Stored Value Team; owner of cash, credits, and coupons incentives across Airbnb. Enabling businesses to easily issue incentives to users with the proper guardrails and financial reporting.
- Drove +20M annualized contribution margin by leading, designing, and implementing guest cancellation credits end to end. Collaborating across 7 stakeholder teams and contributing to 9+ code domains across Airbnb
- Built 2 React typescript tooling apps from scratch to manage incentive admin operations and self-serve business teams to issue cash, credits, and coupons
- Designed and built Airbnb's cash, coupon, and credit products. Launched all initiatives with strict launch preparations: design & engineering QA, traffic logging & monitoring, experimentation setup, alerts, etc.
- Reduced team on-call load by setting up systems to reduce bug tickets: partnered with Ops Team, improved documentation, hosted quality week

AIRBNB | SOFTWARE ENGINEERING INTERN

June 2018 - August 2018 | San Francisco, CA

- Built and designed an image upload service from scratch; built standard API endpoints, service interrogations, and set up Kubernetes clusters

ZENDESK | SOFTWARE ENGINEERING INTERN

June 2017 - Aug 2017 | San Francisco, CA

- Supported the JavaScript Performance/Architecture team on frontend migration from Ember to React
- Researched and proposed a framework to adopt for Zendesk's frontend component library

INTEL | SOFTWARE ENGINEERING INTERN

June 2016 - Aug 2016 | San Jose, CA

- Wrote various Python scripts to validate software and hardware circuit timings

PROJECTS

NET | FACEBOOK GLOBAL HACKATHON FINALS: TOP 6

Nov 2018 | Menlo Park, CA

- Built an app that helps remember names and conversations in social events
- Used Google NLP and speech-to-text APIs to highlight conversation points and generate profiles

EQUERY | TARTANHACKS: BEST SOCIAL IMPACT AWARD

Feb 2018 | Pittsburgh, PA

- Built a wearable tech that gets users out of awkward social, or potentially dangerous situations
- Utilized Django for web framework, Twilio API to make phone calls and text messages, and Google Speech for speech to text recognition

SELF-DRIVING COZMO

April 2018 | Pittsburgh, PA

- Trained Anki's Cozmo robot to follow a line by training camera images through a Convolutional Neural Net.
- Improved performance by augmenting training images, and path correction