

Kristin Yin

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EDUCATION

CARNEGIE MELLON UNIVERSITY

BACHELORS OF COMPUTER SCIENCE AND ARTS

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

LINKS

Github:// [kristing400](#)

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

AWARDS

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

Python | JavaScript | SML
CSS | HTML | C | Java | React.js

INTERMEDIATE

OpenFrameworks | Flask
Processing | Redux | Django
Arduino | Unity | MATLAB | \LaTeX

COURSEWORK

Parallel & Sequential Algorithms
Great Theoretical Ideas of CS
Computer Systems
Functional Programming
Imperative Programminng
Cognitive Robotics
Computational Photography
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 | SOFTWARE ENGINEERING INTERN

June 2018 – Current | San Francisco, CA

- Created an image upload service from scratch, that supports any entry point on Airbnb. Built standard API endpoints, integration with other internal services, and setup deploys to multiple pods.
- Added number of host recommendations to restaurant cards on the restaurant search page.

ZENDESK | SOFTWARE ENGINEERING INTERN

June 2017 – Aug 2017 | San Francisco, CA

- Worked on the JavaScript Performance/Architecture team to help with the migration of Zendesk Support to a new framework
- Implemented the first React components for the migration from Ember legacy code along with Zendesk internal APIs
- Researched JavaScript and CSS libraries, and participated in discussions to help plan and design the various pieces of the migration

INTEL | SOFTWARE ENGINEERING INTERN

June 2016 – Aug 2016 | San Jose, CA

- Interned on the Timing Methodologies team to validate whether software and hardware data align with each another through the timing of circuits

PROJECTS

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
- Users can set customized phrases on the Equery web app, which is used by the wearable piece to trigger a call to the user's cell phone to get users out of a social situation, or call the cops in an emergency situation

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 through augmenting training images, and making Cozmo correct itself if the confidence level is too low

WICKIHOW.XYZ

Dec 2017 | Pittsburgh, PA

- Built a mock wickihow website from scraped wickihow articles that gives users bad advises.
- Used NLTK to generate articles that are more similar to the users query

TAILOR'D | HACKCMU: BEST MOBILE APP

Sep 2016 | Pittsburgh, PA

- Built an auto-generating closet app based on complementary color palettes on a team with 3 other girls using Ionic, a framework for developing native web apps
- Implemented the server-side of the project using Flask in Python to determine which pieces of clothing matched the color palettes and returned them to the front-end