

Jennifer Chou

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Portfolio Link: www.jennifertchou.com

EDUCATION

Carnegie Mellon University, Pittsburgh, PA

B.S. in Computer Science and Human-Computer Interaction (graduating May 2018)

- GPA 3.72, Dean's List: Spring 2015, Fall 2015, Spring 2016
- Relevant Courses: Software Construction, Machine Learning, Computer Systems, Algorithm Design and Analysis, Artificial Intelligence

WORK EXPERIENCE

Teaching Assistant for Principles of Imperative Computation

Carnegie Mellon School of Computer Science, Pittsburgh, PA

Jan 2016 – present

- Lead recitations of 25 students in exercises that apply concepts taught in lecture
- Help students one-on-one in office hours with programming assignments

Engineering Practicum Intern

Google, Mountain View, CA

May 2016 – Aug 2016

- Created feature for Android Auto allowing users to submit feedback while driving, by recording a description of the bug using the car microphone
- Developed and implemented a voice activity detection algorithm to detect presence of human speech versus background noise to determine when the user is done talking
- Added relevant information (ex. car model) to Android Auto feedback reports to help developers fix bugs
- Migrated code within the Android Auto app to prepare for deprecation of the old feedback system

Research Assistant

Carnegie Mellon Human-Computer Interaction Institute, Pittsburgh, PA

Sept 2014 - Nov 2015

- Extracted the top words and emojis from 6 million tweets in Pittsburgh's neighborhoods to learn more about each neighborhood's collective identity and made a web application displaying a map of the results (Project link: <http://emojimap.herokuapp.com>)
- Created heat maps and other visual representations of Twitter users' activity to analyze trends in the location and frequency of tweets

Engineering Intern, Town of Danville

Metropolitan Transportation Commission, Oakland, CA

June 2012 - Aug 2013

- Mapped the location of traffic signs in a Geographical Information System (GIS) database to allow the city to know when to replace missing or broken signs
- Created interactive speed limit and bike route map to give to city residents

SKILLS

Expert: Java • Python • C

Proficient: HTML • CSS • JavaScript

Familiar: PostgreSQL • MongoDB • Swift