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 3.66, Dean's List: Spring 2015, Fall 2015, Spring 2016
- Relevant Courses: Machine Learning, Algorithm Design and Analysis, Artificial Intelligence
  Parallel Computer Architecture and Computing, Interaction Design Studio

WORK EXPERIENCE

Software Engineering Intern

Google, New York, NY — May 2017 – present

- Develop new requests for the Slides API to edit table border properties and resize table border rows and columns, which have been externally requested by API users

Teaching Assistant for Principles of Imperative Computation

Carnegie Mellon School of Computer Science, Pittsburgh, PA — Jan 2016 – Dec 2016

- Led recitations of 25 students in exercises that apply concepts taught in lecture
- Helped 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

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

PROJECTS

Sentence Mosaics

iPad app for children with learning disabilities, for teachers to guide students through forming sentences based on an image using a color code (React Native)

Parallel Fluid Simulation

Implemented on GPU (CUDA and C++)

SKILLS

Expert: Java • Python • C

Proficient: HTML • CSS • JavaScript • C++

Familiar: PostgreSQL • MongoDB • Swift