

## EDUCATION

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- **University of Pittsburgh** Pittsburgh, PA  
*Bachelor of Science in Computer Science; GPA: 3.98* *Sep. 2017 – Aug. 2021 (expected)*

## EXPERIENCE

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- **University of Pittsburgh** Pittsburgh, PA  
*Undergraduate Teaching Assistant* *Aug. 2018 – Present*
  - Lead a weekly recitation section of CS 0447: Computer Organization and Assembly.
  - Assist in creation of weekly lab assignments that teach students MIPS assembly programming and computer architecture.
  - Review important course content with students during recitation and office hours.

## PROJECTS

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### Car Recommendation Website

- Created a website that allows users to like or dislike used car listings and then suggests other listings based on the user's preferences.
- Used content-based filtering to implement a recommender system.
- Scraped data from local car dealerships' websites for test data using the BeautifulSoup library.
- Used Python, Flask, TensorFlow, HTML, JavaScript, and AJAX.

### Assistive Communications Android App

- Developed an Android app that allows users with speech disorders to use text to speech to communicate with an intuitive image based interface.
- Used Google Maps' API to provide intelligent speech suggestions based on points of interest that are nearby the user, such as restaurants and stores.
- Leveraged existing Android APIs to provide text to speech capabilities.
- Created for the Pitt Challenge Hackathon using Java.

## SKILLS

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- **Languages:** Java, Python, C, x86 assembly
- **Technologies and Interests:** Flask, TensorFlow, git, Linux, Reverse Engineering

## EXTRACURRICULAR

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- Participated in several hackathons, including SteelHacks 2018, The Pitt Challenge 2018, and Code Day Pittsburgh
- Pitt Computer Science Club Member