

# Austin Tercha

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## Education

### BACHELOR'S DEGREE | FALL 2020 | UNIVERSITY OF PITTSBURGH

- Major: Computer Science
- Minor: Mathematics
- GPA: 3.63

### DIPLOMA | JUNE 2017 | MONSIGNOR BONNER & ARCHBISHOP PRENDERGAST

## Skills & Abilities

### PROGRAMMING LANGUAGES

- Python and Java (Professional and Coursework)
- C/C++ and x86 assembly (Coursework)
- JavaScript (Professional)

### LIBRARIES AND FRAMEWORKS

- Selenium and Appium (Professional)
- AWS and GCP (Cloud Infrastructure)
- Pthreads, MPI (Parallel Computing)
- Docker/Docker-Compose (Containerization)
- ROS (Robot Operating System)

### TOOLS

- Jira (Issue Control)
- ReviewBoard (Code Review)
- Sphinx (Python AutoDocumentation)
- Bitbucket, Perforce (Version Control)

### OTHER

- XML (Professional)
- HTML (Professional)
- Markdown

## Relevant Coursework

### COMPUTER SCIENCE

- Data Structures, Algorithms and Object-Oriented Programming
- Computer Organization and Assembly
- Operating Systems Programming
- Cloud Computing
- Network Security and Cryptography
- Parallel Programming

### MATH

- Calculus 1 and 2
- Differential Equations
- Theoretical Math and Discrete Math
- Statistics and Probability
- Linear Algebra

## Experience

### HONEYWELL, VOICE SOLUTIONS | SOFTWARE ENGINEER INTERN (SUMMER 2019, SPRING 2020, SUMMER 2020)

- Migrated propriety library to use industry standard Selenium for the Test Automation software, resulting in reduced maintenance costs. Enhanced installer to allow new users to use and configure the framework faster.
- Worked with global team members to troubleshoot shared code
- Worked in all areas of software development cycle