Charles Misback

724-831-3291 | clmisback@gmail.com | GitHub Profile | Pittsburgh, Pennsylvania

EDUCATION

Rochest Institute of Technology Sep 2017 – May 2019
Student Rocheter, NY

- **Relevant Coursework:** Linear Algebra, Multi-Variable Calculus, Physics 1 and 2, Software Engineering, Computer Science Theory
- **ExtraCurriculars:** Ultimate Frisbee, Juggling, ASL

Allegheny College Jan 2020 – May 2022
Student Meadville, PA

- **GPA:** 3.38
- **Relevant Coursework:** Cloud Computing, Artificial Intelligence, Senior Thesis
- **ExtraCurriculars:** Ultimate Frisbee
- **Bachelors of Science** - Computer science major and Philosophy minor

SKILLS

Languages : Python, Java, HTML/CSS, SQL, C, R, Ruby
Tools : AWS, Intellij, Notepad++, R Studio, Github, Google Analytics

EXPERIENCE

Indpendent Study Sep 2020 – May 2021
Gator Computational Cloud (GCC) @github Allegheny College

- **GCC** is a lightweight web framework that utilizes the BHEFT scheduling algorithm to schedule jobs in a cloud environment. The goal of the project is to provide a light weight and user friendly environment for workflow execution, while also ensuring a powerful and efficient backend which completes a users workflow with ease.
- Worked in cooperation with a student and professor
- Planned to publish in IEEE of spring 2022 but complications arose

College CS Projects Sep 2017 – May 2022
Various CS Classes RIT and Allegheny College

- Contributed to Zulip (a chatting platform based on electron)
- Programmed online checkers with authentication and client server communication in java
- Created a calculator without the use of arithmetic functions in C

Thesis Sep 2021 – May 2022
The Advantages of Peer-to-Peer Technology @github Allegheny College

- Year long endeavor to showcase the capabilities of Peer-to-Peer technology (P2P) through the creation of a P2P file sharing network. It was use to showcase the scalability, stability, and efficiency it possesses versus a traditional client-server network.
- A comprehensive 38 page paper was written to describe the P2P network and analyze the experimental results.

Employment

Giant Eagle June 2018 – Aug 2021
Sales Clerk Pittsburgh, PA

- Customer Service, working the cash register
- Fry cook, fried lots of chicken
- Cleaning, responsible for cleaning the whole kitchen

Amazon June 2019 – Aug 2019
Seasonal Fullfilment Assistant Pittsburgh, PA

- Sorting packages based on size and destination: both envelopes and pallets.
- Building pallets, wrapping pallets, transporting pallets with pallet jack

Language Camp Sep 2015 – Sep 2018
Summer Camp Counselor Pittsburgh, PA

- Took care of children aged 8 - 15 years old
- Taught the german language and culture