

## EDUCATION

Grand Valley State University, *Allendale, MI*

Expected graduation date: May 2022

B.S. in Computer Science

- GPA: 3.4/4.0 - Dean's List Fall 2018, Winter 2020, Fall 2020
- NCAA Division II Academic Excellence Award - Swimming

## TECHNICAL SKILLS

- Java (Computer Science I, Computer Science II, and Object Oriented Development)
  - Chess with AI
  - Minesweeper
- Python
  - PyQt5
  - Various experience (see Work Experience)
  - Personal project: created a system to track fastest times in each swimming event
- C++ - (Data Structures and Algorithms)
- C and Linux (System-Level Program & Utilities)
- Scheme (Structure Programming Language)
- TCP/IP understanding (Data Communications)
- Git
- Globus
- AWS S3
- Google G Suite productivity and collaboration tools

## WORK EXPERIENCE

**Argonne National Laboratory**, Computer Science Undergrad Intern, *Lemont, IL* May 2020 - August 2020

- Solely developed and coded a Python program to transfer data from on premise lab computers to cloud (Globus), which entailed drag and drop/one click ability to upload files to storage
- Trained mentor/management on program and process
- Worked with AWS S3, Anaconda to spin up virtual environments, UU ID to create unique IDs for every data set transferred, and created GUI interface applications via PyQt5
- Utilized SCRUM methodology to develop and deliver the project in a time efficient manner
- Continuously exceeded expectations for the project, with positive feedback from management

**Lemont High School**, Help Desk Intern, *Lemont, IL* September 2016 – May 2018

- Introduced and implemented Pocket Points App for the school by working with administration, the application vendor and local business owners
- Piloted new applications for the school for classroom use
- Troubleshooted Google/Chromebook issues for teachers, staff and students
- Created video/textual training guides for students and teachers to assist in their use of applications
- Self taught in multiple technology tools including coding, Google for Education, Photoshop, video editing programs, etc.

## ACTIVITIES

**Grand Valley State Varsity Swim Team**

August 2018- Present

- Manage a full-time course load while averaging 30 hours a week training, competing and traveling
- Leader for the team's Athletes InterVarsity
- Serve as a team math and computer science tutor
- Participate in philanthropic events on behalf of the University and Athletic Department
- Member of Lakers Listen, student group for mental health advocacy for teammates