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Objective

- Seeking internship and research experiences to hone my programming skills, particularly for software engineering.

Education

- **Case Western Reserve University (CWRU)**　　　　　　　　　　　*August 2020 - May 2024*
  - B.S. Computer Science (4.0 GPA)
  - Minor: Mathematics
  - Selected Coursework: Data Structures and Algorithms

Work Experience

- **Tutor**　　　　　　　　　　　　　　　　　　　*Math Tutor, June 2021 - Present*
  - Tutors students in math levels ranging from pre-algebra to calculus

Extracirculars

- **CWRU Rocket Team**　　　　　　　　　*Systems Lead/Treasurer, August 2020 - Present*
  - Designed and programmed a virtual test environment and simulation software that accelerated development by about 6 months.
  - Implemented autonomous guidance algorithms for the UAV-payload
  - Skills used: Python, C++, Git

- **San Ramon Valley High Robotics Team**　　　　　　*Software Lead, May 2018 - May 2020*
  - Built and maintained modular Java codebase and integrated version control practices into development process.
  - Led and trained team of 10 students in development of robotic software on tight six-week deadline.
  - Skills used: Java, C++, Git

Projects

- **Mr.Worm - Discord Moderation Tool**　　　　　　　　　*Summer 2020 - Present*
  - Developing bot and webapp for analytics and moderation of users based on keywords, sentiment, and activity.
  - Skills used: Node.js, HTML/JS/CSS, MySQL
- **Ascii Art Webapp**　　　　　　　　　　　　　　　　　*Spring 2021*
  - Made webapp that generated ascii art versions of image files.
  - Skills used: Python, PHP, HTML/JS/CSS
- **Misinformation Detection Webapp**　　　　　　　　　　　*Spring 2021*
  - Worked on backend of project - specifically MySQL database, categorization model, and parsing data.
  - Skills used: Python, MySQL, JS

Awards

- **CWRU Dean's High Honors** (2020-2021, awarded for fall and spring semester for over 3.75 GPA)

- **CS Student of Excellence** (2018, awarded to top AP Computer Science A students in Contra Costa County)

Skills

- Java, Python, HTML/CSS/JS, Bash, MySQL, Git, regex