

Jane McPherson

Chicago, IL | jvmcpheron@gmail.com | University of Minnesota

Highly motivated computer science major and teaching assistant. Currently in senior year at University of Minnesota Duluth. Seeking an entry level position in software development.

EDUCATION

University of Minnesota Duluth — Bachelor's Degree in Computer Science

August 2021 - May 2025 (*Expected*)

- **Cumulative GPA:** 3.9/4.0 **Major GPA:** 4.0/4.0
- **Relevant Courses:** Machine Learning and Data Mining, Software Analysis and Design, Software Engineering, Database Management Systems, Artificial Intelligence, Advanced Theory of Computation, Computer Organization and Architecture, Probability and Statistics

EXPERIENCE

University of Minnesota Duluth — Undergraduate Teaching Assistant

January 2024 - Present (*Seasonal*)

- **Course:** CS 2531: Discrete Structures for Computer Science
- Used critical thinking and communication skills when helping students learn the material.

University of Minnesota Duluth — Resident Advisor

February 2023 - Present (*Seasonal*)

- Demonstrated leadership, communication, and collaboration skills while managing conflicts between residents.
- Used interpersonal and social skills to build relationships with residents.

Extern — Remote Webacy Web3 Security Data Analytics Externship

May 2024 - June 2024

- Analyzed smart contracts and labeled vulnerabilities using data categorization skills.
- Performed frequency and correlation analyses on smart contract vulnerability data to identify associations between risk.
- Applied unsupervised machine learning techniques to perform cluster analysis on data and find patterns among smart contract risks.

TECHNICAL SKILLS

- **Programming Languages:** Python, C++, Java, JavaScript, HTML, CSS
- **Development Tools:** Visual Studio Code, CLion, Android Studio, Datagrip, Pycharm, Github
- **Testing Frameworks:** Catch2, JUnit
- **Data Analysis:** Statistical Analysis with JMP and Python, Data Labeling, Data Validation