NICHOLAS PERRY

linkedin.com/in/nicholas-a-perry | perrys.dev

EDUCATION

Miami University   Oxford, OH
Master of Science in Computer Science   *Aug. 2021 – Aug. 2023*
- GPA: 3.95
- Thesis: Neural Network-Based Crossfire Attack Detection in SDN-Enabled Cellular Networks

Miami University   Oxford, OH
Bachelor of Science in Computer Science   *Aug. 2019 – May 2023*
- GPA: 3.70
- Miami University Dean's List
- Coursework in systems programming, object programming, web applications programming, and ethical hacking
- Graduated Cum Laude

EXPERIENCE

Software Engineer   Aug. 2023 – Present
JPMorgan Chase & Co.   *Columbus, OH*
- Helped maintain an internal vulnerability management platform using agile principles, Python, and SQL
- Managed and maintained code repositories throughout the entire development pipeline, ensuring strict adherence to JPMorgan and industry standards for version control, code quality, and best practices

Graduate Assistant   Aug. 2022 – Aug. 2023
Miami University   *Oxford, OH*
- Assisted professor in academic research projects
- Helped instruct an introductory programming lab as a teaching assistant
- Assisted professor with various day-to-day tasks such as creating labs, fixing projects, and grading

Software Engineer Intern   Jun. 2022 – Aug. 2022
JPMorgan Chase & Co.   *Columbus, OH*
- Developed an internal auto-logging Python decorator to create machine-readable code to reproduce transient run-time errors
- Integrated the Python auto-logging decorator into the Vulnerability Orchestration Reduction Platform
- Updated Python code to comply with JPMorgan and Python style guidelines and best practices

Resident Assistant   Sep. 2020 – May 2022
Miami University   *Oxford, OH*
- Enforced rules and regulations to establish a smooth and orderly operation of dormitory programs
- Provided immediate emergency care and summoned medical assistance when necessary
- Mediated conflicts between residents
- Documented safety incidents, policy violations, and maintenance requests in an objective and timely manner

EXTRACURRICULAR ACTIVITIES

- *Student Advisory Board Member*, Miami University Police Department
- *Appeals and Conduct Hearing Board Member*, Miami University Office of Community Standards
- *Member*, Miami University Cybersecurity Club
- *Team Member*, Miami University Intermural Hockey
- *Student Volunteer*, Kaleida Health

CERTIFICATIONS

- *AWS Certified Cloud Practitioner*, Sep. 5, 2023

SKILLS

Languages: Java, Python, C++, SQL (MySQL)
Developer Tools: Git, VS Code, Visual Studio, Eclipse
Industry Knowledge: OOP, Agile, Leadership Experience