

NICHOLAS PERRY

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EXPERIENCE

Security Engineer II

Aug. 2023 – Present

JPMorganChase

Columbus, OH

- Helped maintain an internal vulnerability management platform using agile principles, Python, and PL/SQL
- Created CI/CD pipelines in Jenkins to automatically test, lint, and deploy code to different environments
- Assisted internal customers with remediation of both vulnerabilities and coverage breaks
- 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
- Assisted transition to compliance with PCI4.0 vulnerability management requirements
- Reduced logging infrastructure costs by 20+% by overseeing logs migration to Splunk

Graduate Assistant

Aug 2022 – Aug 2023

Miami University

Oxford, OH

- Fully funded grant-based assistantship, half teaching, half research
- Assisted professor in academic research projects
- Supervised undergraduate research associate in lab
- Helped instruct an introductory programming lab as a teaching assistant
- Assisted professor with various day-to-day tasks such as creating labs, examinations, fixing projects, and grading of assignments

Software Engineer Intern

Jun 2022 – Aug 2022

JPMorganChase

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

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

CERTIFICATIONS

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

SKILLS

Vulnerability Management | Qualys VMDR | Java | Python | OracleDB | SQL | Splunk | FluentD/FluentBit