Michael Jenkins

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Education

Purdue University   **West Lafayette, IN**

Bachelor of Science: Cybersecurity and Network Engineering Technology   *December 2022*

Additional Studies: Art and Design Studio   *GPA 4.0/4.0*

Study Abroad: Czech Technical University, Prague, CZ   *Spring 2020*

Awards:

- Purdue Marquis Scholarship
- Purdue Polytechnic Dean's List
- Purdue AITP Scholarship
- Ranked 18 of 3658 Teams NCL 2022

Certifications:

- CompTIA Pentest+
- CompTIA Security+
- CompTIA Network+
- Purdue Entry-Level Programming in Python

Work Experience

Crowe Consulting   **Chicago, Il**

Cyber Security Consulting Intern   *Summer 2021, 2022*

Cyber Security Consulting Staff   *January 2023-Present*

- Performed Internal, External, and Web Application Penetration Testing for clients in the Public Sector, Financial Services, Healthcare, Manufacturing, and Life Sciences industries.
- Conducted cybersecurity gap and maturity assessments against industry frameworks and regulations including NIST CSF, NIST SP 800-53, ISO 27000, NYCRR, and HIPAA.
- Performed technical audits against hardened baselines of diverse systems, services, and network configurations, including Linux, Windows, Entra ID, and Active Directory.
- Developed methodology, scripts, and integrated control frameworks to support new forms of assessment.
- Provided virtual security officer services to a manufacturing organization including policy drafting, risk management activities, and acquisition transition planning.
- Spearheaded project to modernize and automate cloud and on-premise engagement resource management through use of CI/CD pipelines and dynamic infrastructure as code.

Raytheon Technologies   **Remote**

IT Intern   *Summer 2020*

- Enforced and audited AWS instance compliance against hardened Windows and Linux baselines on approximately thirty machines, with planned expanded deployment, utilizing Chef and Chef InSpec.
- roduced user acceptance tests for a Perl program to streamline Terraform provisioning.
- Performed manual and supervised automated patching to ensure rapid vulnerability remediation.
- ParPticipated in daily stand-up and weekly planning meetings as part of an Agile workflow.

Purdue University   **West Lafayette, IN**

Undergraduate Teaching Assistant   *January 2021-December 2022*

- Led one CNIT 470 Incident Response Management, two CNIT 270 Cybersecurity Fundamentals, and one CNIT 176 Information Technology Architectures lab sections.
- Provided feedback and guidance to students regarding extended incident response in a simulated environment, core cybersecurity concepts, and a semester long Raspberry Pi project.
- Wrote a ransomware simulation in Rust designed to demonstrate malware evasion and cryptographic flaws.

Relevant Involvement

Purdue Cyber Forensics   **Purdue University**

Member/Vice-President/Treasurer   *August 2018-December 2022*

- Presented and demonstrated offensive security tools and practices to complement course material.