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.
- Collaborated with other board members to design and administer Capture the Flag competitions.

Resume Planning:

Association of Information Technology Professionals   **Purdue University**
Member   *August 2018-December 2022*
     • Developed professional skills and networked with students in related majors

Morton Community Center   **West Lafayette, IN**
Summer Camp Counselor   *June 2017, 2018*
     • Guided groups of 20+ children around center grounds to ensure safety
     • Documented behavior and incidents and conducted verbal roll calls
Volunteer Art Teaching Assistant   *May 2017-August 2018*
     • Encouraged creative expression through positive feedback and guided brainstorming
     • Maintained the classroom setup and supplies to facilitate instruction
>> I think I should cut this entirely. It occurred during high school.

Association of Information Technology Professionals   **Purdue University**
Member   *August 2018-Present*
     • Assisted vendors at Computing Career Fair to hasten event setup

BoilerMake Hackathon   **Purdue University**
Participant   *October 2018*
Created a Java program for storing, manipulating, and accessing video game characters

Last semester courses (Prague/remote)
   Operating Systems
     OS components
     C++/C coding/thread sync
   Systems Control
     PID control
     Control circuits/feedback loops
   Unix Sysadmin
     CentOS
     Solaris
   Networking (second networking course)
     TCP/IP
     Essentially all
     Cisco IOS
     C++/C coding/Berkley sockets
   Scripting (rough online transition)
     Bash/Linux CLI (more so)
     Awk (less so)
     Perl (less so)