

Atahan Emir Kucuk

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EDUCATION

Purdue University

West Lafayette, IN

Bachelor of Science in Computer Information Technology

December 2022

- **Majors:** Cybersecurity and Network Engineering Technology
- **Organizations:** Purdue Cycling Club, Photography Club, Turkish Student Association
- **Awards:** Semester Honors (Spring 2021)
- **Related Coursework:** Cyber Forensics, Cybersecurity Fundamentals, Data Communications and Networking, Database Fundamentals, Incident Response Management, Internet Design and Implementation, Systems Development, Intro to Cryptography, Network Administration, Network Security, Object Oriented Programming, Storage Area Networking, Systems Administration, Systems Programming, UNIX fundamentals, Wireless Networks, Vulnerability Analysis and Testing, Social Engineering, Systems Analysis and Design, Cyber Criminology

TECHNICAL EXPERIENCE

Personal Website

West Lafayette, IN

Web Developer

December 2021 - Present

- Designed and coded personal website to showcase previous personal projects and course lab work.
- Tech Stack: Next.js, Chakra UI, Framer Motion, Vercel.

CTFs and Cybersecurity Training

West Lafayette, IN

CTF Player

June 2021 - Present

- Completed Virtual Experience Programs with Forage provided by ANZ, Goldman Sachs, and Genius Armoury.
- Participated in CTFs (Capture the Flag) and training/learning modules offered by RangeForce, TryHackMe, HackTheBox and Cybrary.

Purdue University - Coding Projects

West Lafayette, IN

Student

August 2018 - Present

- Utilized Oracle SQL to filter out a database and created ERD designs of database.
- Designed a WordPress website simulating an e-commerce warehouse management system.
- Wrote several Python and Bash/Shell scripts and programs.
- Developed applications using Java, C#, and C.

Purdue University - Course Lab Work

West Lafayette, IN

Student

August 2018 - Present

- Architected and configured several enterprise network environments involving multiple different network products from different vendors, Active Directory, VPNs, routing, firewalls, and network administration.
- Deployed an enterprise network including legacy and modern systems, devised, and implemented Computer Incident Response Plan (CIRP) and tested with attacks targeting the CIA (Confidentiality, Integrity, Availability) triad.
- Implemented hardening measures on an Ubuntu machine per CIS Ubuntu Linux Benchmarks.
- Built a Raspberry Pi security camera with motion detection capabilities using OpenCV and notifies via email.
- Performed digital forensics labs on given disks, disk images and Android mobile devices.

SKILLS & INTERESTS

Programming Languages: Python, Java, C, C#, SQL, Bash, JavaScript

Operating Systems: Windows, Windows Server, Linux (Kali, Ubuntu, CentOS, Debian, Arch), FreeBSD, MacOS

Tools: Wireshark, Autopsy, OSSEC, Elastic Stack, pfSense, VyOS, Metasploit, TrueNAS, VMware ESXI, VMware Workstation, Nessus, Nmap, Tableau, Power BI, WordPress, Magnet AXIOM, OSForensics, Cellebrite, Git

Hardware: Raspberry Pi, Cisco IOS Networking Devices, Aruba Networking Gear

Hard Skills: Penetration Testing, Forensics Investigation, Risk Assessment, Intrusion Detection, Troubleshooting, Routing Protocols, Active Directory, VPN Protocols, TCP/IP, Incident Response, Virtualization

Certifications: Certified Ethical Hacker (CEH), Programming for Everybody (Coursera)

Languages: Turkish, English, French

Interests: Mountain Biking, Hacking, Gaming, Programming, Travelling, Photography