

[/Zneuhaus@outlook.com](mailto:Zneuhaus@outlook.com) | [LinkedIn: www.linkedin.com/in/ZachNe](https://www.linkedin.com/in/ZachNe) | [Github: https://github.com/Evilgeniusnerd](https://github.com/Evilgeniusnerd)

Education

University of Maryland Baltimore County (UMBC) Baltimore, MD May 2021
Bachelor of Science, Interdisciplinary Studies in Resilient Technologies & Disaster Management

Skills

Hardware	VPN, Firewall, Access Points, ESP32 Boards, Iridium Satellite Modems
Programming	Python, Bash, C++, Django, Flask, HTML, CSS, PHP, Java
Networking	Wireless Security, Wireless Setup, Traffic Monitoring, LoRa & LoRaWan
Software	Wireshark, Nmap, Metasploit Framework, Snort IDS, ELK Stack, Docker, Salesforce

ACADEMIC COURSEWORK

Active Cyber Defense	Global Terrorism	Cyber Professional Development
Intro to Java	History of American Intelligence	Management of Information Systems
Ethical Issues in Information Systems	Deterring Terrorism	Nuclear Issues in age of Terrorism

Relevant Experience

Northrop Grumman Cyber Engineer Competition, MD **Fall 2017**

- led a team to build an IoT vulnerability scanner out of Raspberry Pi and open-source tools such as ELK Stack, Metasploit, Wireshark, and Nmap.

Information Technology Disaster Resource Center, TX **Fall 2017 - Current**

- Volunteer & respond to natural disasters to assess damage and repair Information Communication Technologies. Reconnecting emergency management and survivors by establishing internet via cellular backhaul, point to point or point to multi-point Wi-Fi.

Work Experience

Project Owl, Wireless Engineer, Brooklyn, New York **May 4, 2020 – July 20, 2021**

- Research and Development work on innovative ad-hoc mesh communication technologies for both civilian communications post-disaster & military/governmental communications in the field.
- Developed hybrid backhaul for IoT communications & sensor data gathering via a redundant backup via Iridium Satellites, WIFI, or LTE.

Parsons Cyber, Computer Science Intern, Columbia, Maryland **June 3, 2019 - August 9, 2019**

- Used Scrum methodology along with Jira and Confluence in a team environment to develop and sustain both frontend and backend applications for the company.

Core BTS, IT Support & Network Technician intern, Hauppauge, New York **July 8th, 2018 - August 2018**

- Assisted in network hardware upgrade installs and ran network cabling for various sites.
- Network troubleshooting by using tools such as Nmap

UMBC Police Department, Police Aide, Baltimore, Maryland **October 2017 – November 2020**

- Worked alongside the university police officers by directing traffic and providing event security in order to help maintain a safe on-campus environment.

Titan Global LLC, Security Guard, Middle Island, New York **July 2016 - August 2018**

- Provided security services, event security and protection of life and property at event venues and locations

Extra-Curricular Activities

IAEM Member **March 2020 - Present**

- International Association of Emergency Managers is a non-profit educational organization dedicated to promoting the goals of saving lives and protecting property and the environment during emergencies and disasters.

UMBC Cyber Dawgs **September 2017-March 2020**

- UMBC Cyber Dawgs is a student-run organization for individuals interested in work in the cybersecurity world. We learn various Red Team & Blue Team skills by attacking and defending virtual labs we build as well as participating in capture the flag events.