

Zachary ElMetennani

Experienced IT Engineer with cybersecurity and cloud computing certifications.
Security+, AWS CCP

Chicago, IL

(312) 898-8795

zacharyelmetennani@gmail.com

zackelmet.xyz

EXPERIENCE

Harris & Harris. Chicago, IL – IT Security Analyst

November 2022 - Current

- Create scan jobs in vulnerability management solutions (Qualys) to validate that systems meet hardening benchmarks such as CIS.
- Evaluate IT systems to ensure regulatory compliance (PCI, SOC)
- Research and test Active Directory configuration changes to maintain baseline security standards
- Perform incident response testing and documentation of security incidents
- Maintain awareness and provide guidance on the latest critical information security vulnerabilities, threats, and exploits
- Continuously monitor, test, and validate endpoint security controls (Symantec, CrowdStrike)
- Configure and update firewall rules for security control (PaloAlto)

Akuna Capital. Chicago, IL – Desktop Engineer

September 2021 - October 2022

- Monitored, and remediated network performance and IT issues for Trading and Development teams
- Configured and administered IT systems to support efficient and secure use (O365, AD, SCCM, Jamf, VS Code)
- Troubleshoot, maintained, and deployed Windows and Linux servers and workstations, as well as Mac workstations
- Managed user and device provisioning, account creation, mobile devices, MFA (Duo) and VPN
- Administered identity and access management systems
- Defined and managed IT solutions, documentation, and policies
- Automated repetitive system administration tasks (Desktop central, powershell)
- Ensured global AD standards and role based access control
- Evaluated and recommended new hardware and software solutions

Peapod. Chicago, IL – IT Systems Administrator

June 2020 - September 2021

- Evaluated and responded to incident alarms involving customer facing production applications
- Utilized network monitoring tools to evaluate and execute network controls(Jenkins, Icinga)
- Assessed the risk levels of given and proposed situations, developing and deploying mitigation efforts for high severity incidents
- NOC experience, communicated with multiple IT teams to maintain system integrity
- Monitored network resources for effective performance and security, and proactively identifying and resolving any potential issues
- Led root cause analysis of high severity incident responses, documenting the process and lessons learned for future reference

STRENGTHS

Windows Administration

Active Directory/SCCM

Vulnerability
management/Qualys

Threat intelligence

Patching/updating and
hardening systems

Linux Administration/
Ansible

Penetration testing tools

Network monitoring and
analysis tools

Python, Bash, and Powershell
scripting

Security+, AWS Certified

Troubleshooting IT systems

Windows Server
Administration

Networking
monitoring/Icinga

Firewall configuration/Palo
Alto

Written and verbal
communication

AWARDS

Illinois State Scholar 2016

– Awarded to students who
achieve outstanding
academic success

United Airlines. Chicago, IL – IT Support Technician

June 2019 - march 2020

- Performed automated imaging of Windows, Mac and Linux workstations
- Onboarded new hires and managed user profiles(O365, Active directory); managed PC equipment installations and inventory
- Resolved networking and VPN issues

Mannheim School District 83. Franklin Park, IL – Help Desk Technician

October 2018 - May 2019

- Responsible for help desk support, network and device repair, asset management, IT infrastructure upgrades, and providing technology support to over 500 students and staff.

Far Horizons Laboratory, Adler Planetarium. Chicago IL – Aerospace Engineering Intern

October 2016 - March 2017

- Assisted in the research, design, and testing of NiteSat spacecraft systems and subsystems, and developed and launched working system designs on high altitude balloons for experimentation.

EDUCATION AND CERTIFICATIONS

Cyber Security Specialization

Illinois Institute of Technology

Courses Include:

- **Software security**
- **Cryptography**
- **Network Security**
- **Python Development**

September 2017 - May 2018

Compia – Security+ Certificate

December 2019

Amazon Web Services – Certified Cloud Practitioner

February 2020

Oak Park & River Forest High School – High School Diploma

2016

Online Course Work.

Udemy – Ethical Hacking, Python for Cybersecurity, Modern Web Development

LinkedLearning – Windows Server 2019

Illinois Space Grant

Consortium Award

Winner 2016/2017 –

Awarded to undergraduate students interested in doing research related to space technology