M. J. Fernez

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Work History

Information Security Analyst - Adelphi University (2019 -)

- Served as the main contact for incident response and digital forensics
- Maintained and developed the university's SIEM (Splunk)
- Delivered regular threat intel reports to senior IT and executive staff
- Significantly reduced attack surface by researching and implementing account retirement procedures.
- Improved and expanded university incident response plans.

Lab Coordinator - Adelphi University (2022 -)

- Developed and delivered lab excercises for CSC171 - Intro to Programming (Python)

Microsoft Exchange Admin - aaronbasha.com / reginebasha.com (2021 -)

- Assisted with migration from a compromised email provider
- Administered and maintained Microsoft Exchange for employees
- Provided general IT help desk support to employees when needed

Earlier Work History

- Data Entry, Lien Representative - Health Plus Management (2017 - 2019)
- Math Tutor - Mathnasium (2016 - 2017)
- Research Assistant - Adelphi University (2012 - 2015) - [Publication](#)

Education

- Master's Degree: Digital Forensics and Cybersecurity
  - John Jay College of Criminal Justice, May 2019
  - Fieldwork (for degree completion): Engineered a unique data management and visualization solution in contract with NCFTA, New York Office (2019 - 2022)
- Bachelor's Degree: Physics - Adelphi University, May 2015

Technical and Vocational skills

Professional knowledge (in order of familiarity)

- Cybersecurity Incident Response and Triage
- Scripting languages: Bash, Python, Powershell
- Forensic and Data Recovery Software: FTK, Autopsy
- Technical Writing/Documentation
- Linux system administration
- SIEM: Splunk, ELK
- REST API conventions, web scraping

Personal knowledge

- Programming languages: Python, C, x86 assembly
- Operating systems: Windows, Linux, BSD
- Electronics and circuit design: AVR, Raspberry Pi
- Amateur music production/composition: Audacity, Musescore, Sonic Pi