AARON BERMAN

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Security Specialist | Systems Administrator | Security Consultant

Cyber Security Analyst and Military Veteran leveraging knowledge and experience ensuring appropriate security controls are in place that will safeguard digital files and vital electronic infrastructure. Adept at diagnosing and resolving system hardware, software, connectivity, and security issues with a deep understanding of disaster recovery to implement backup procedures and techniques. Hands-on experience researching, developing, and implementing testing methods and procedures. Possess a comprehensive background in data security, continuous integration, and organizational strategy. Career supported by a Bachelor of Science in Computer Science with a concentration in Cyber Security.

- Software | Systems Security
- Information Assurance
- Threats | Vulnerabilities
- Programming Methodologies
- Risk Management
- Communications Security
- Access | Identity Management
- Network Security
- Design | Architecture

EDUCATION | RELEVANT COURSEWORK

Bachelor of Science, Computer Science; Old Dominion University – 2020
Associate of Science, Computer Science; Tidewater Community College – 2014

Networked Systems Security | Information Assurance
Computational Methods and Software | Operating Systems
Cybersecurity Fundamentals | Cryptography for Cybersecurity
Introduction to Computer Architecture | Computers in Society
Problem Solving and Programming I | Problem Solving and Programming II
Object-Oriented Programming Design | Introduction to Software Engineering
Fundamentals of Computer Organization | Introduction to Unix for Programmers
Principles of Programming Languages | Advanced Data Structures and Algorithms
Introduction to Discrete Structures | Introduction to Theoretical Computer Science

TECHNICAL COMPETENCIES

Programming: C++, Python, Java, HTML, CSS
Operating Systems: Linux, Mac, Windows Server 2008, Windows XP
Software | Database: Microsoft Office 365, SharePoint, Google Docs, Git, MySQL, Docker, and Docker Compose

PROFESSIONAL EXPERIENCE

TE Connectivity – Hampton, VA   2006 – 2018
Assembler IV
- Performed advanced troubleshooting techniques down to the component level on microelectronic devices; used schematics, technical drawings, and applied logical knowledge in the repair of ten types of air pressure scanners
- Applied functional knowledge to the repair of pneumatic leaks daily; maintained test equipment for use in troubleshooting customers equipment
- Performed calibration and accuracy testing on pressure sensors ranging from -12 to 750 pounds per square inch; tested air pressure sensors using proprietary software
- Wrote programming modules for use in testing repaired equipment, to help simulate real-world environments, for quality assurance and customer confidence
- Documented failures, both with pictures and data, of newly built sensors for review by applications engineering, quality assurance, and systems engineering