**AARON BERMAN**

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**Computer Scientist | Systems Administrator | Security Specialist | Security Consultant | Software Analyst**

Computer Scientist and Military Veteran leveraging knowledge and experience ensuring appropriate software design principles and security controls are in place that will ensure maintainability and robustness of software while safeguarding digital assets and vital electronic infrastructure. Adept at diagnosing and resolving system hardware, software, connectivity, and security issues with an 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**

**Old Dominion University** Norfolk, VA United States

Bachelor's Degree 8 /2020

**GPA:** 3.58 of a maximum 4

**Credits Earned:** 66 Semester Hours

**Major:** Computer Science **Minor:** Cybersecurity **Honors:** Cum Laude

Senior Project: [A3 framework](https://www.cs.odu.edu/~cpi/old/411/crystalsum20/home.html)

**Tidewater Community College** Norfolk, VA United States

Associate degree 7 /2014

**GPA:** 3.07 of a maximum 4

**Credits Earned:** 68 Semester Hours

**Major:** Computer Science

Advanced Data Structures and Algorithms

Computational Methods and Software

Computers in Society

Cryptography for Cybersecurity

Cybersecurity Fundamentals

Fundamentals of Computer Organization

Information Assurance

Introduction to Computer Architecture

Introduction to Discrete Structures

Introduction to Software Engineering

Introduction to Theoretical Computer Science Introduction to Unix for Programmers

Networked Systems Security

Object-Oriented Programming Design

Operating Systems

Principles of Programming Languages

Problem Solving and Programming

**TECHNICAL COMPETENCIES**

**Programming:** C++, Python, Java, HTML, CSS, PHP

**Operating** **Systems**: Linux, Mac, Windows Server 2008, Windows XP, Windows 10, Windows 7

**Software | Database**: Microsoft Office, Google Docs, Git, Bash, MySQL, Docker, Docker Compose, Bootstrap, Apache

**PROFESSIONAL EXPERIENCE**

**TE Connectivity**

1000 Lucas Way

Hampton, VA23666 United States

[**https://www.te.com/usa-en/home.html**](https://www.te.com/usa-en/home.html)

Start date: 08/2006

End date: 08/2018

Salary: 19.32 USD bi-weekly

Hours per week: 40

**Assembler IV**

**Duties, Accomplishments, and Related Skills:**

* Helped develop a Service Life Extension Program (SLEP) for products which were nearing product end of support
* Performed advanced troubleshooting techniques down to the component level on microelectronic devices
* Utilized schematics, technical drawings, and applied logical knowledge in the repair of ten types of air pressure scanners
* Maintained test equipment including calibration cycles
* 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
* Assisted with technical support during new product testing
* Presented reports during daily or weekly meetings as needed

**Supervisor:** Martin Walker (7577661500)

**Okay to contact this Supervisor:** Yes

**U.S. Marine Corps.**

MACS-2 MCAS Cherry Point

Cherry Point, NC 28533 United States

Start date: 06/2001

End date: 06/2006

Hours per week: 40

**Aviation Radar Repair - E4 Corporal**

**Duties, Accomplishments and Related Skills:**

* Two meritorious promotions for excelling in training
* Four Certificate of Appreciations
* Certificate of Commendation and Meritorious Mast
* Supervised teams of 5 to 8 members in the training and maintenance of 2 mobile radar systems
* Maintained optimal functionality of an electronic system under stressful and demanding situations, including support of Operation Iraqi Freedom
* Handled inventories and procurement of items to maintain maximum functionality of 20 individual issue toolboxes
* Advised in the general maintenance, emplacement, and movement of 2 mobile radar systems for over 4000 working hours to ensure effectiveness.
* Performed technical maintenance, to component level, on sensitive electronic equipment and subsystems
* Utilized schematic references to troubleshoot electronic, pneumatic, and mechanical failures
* Performed extensive record management to track work history and identify key areas of observation for faults

**Supervisor:** Sgt. Terry Miller (252) 466-3998

**Okay to contact this Supervisor:** Yes

**REFERENCES:**

**Name**

Vicki Ware

Aaron Loss

Russell Jackson

**Employer**

DLA

**Title**

IT Specialist

**Phone**

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757-879-6701

443-253-9308

**Email**

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