

Cory Tidwell

Software Developer

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[LinkedIn/](#)
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Technology leader and Military Veteran with a Top Secret Security Clearance and 20 years of demonstrated expertise in the United States Navy. Achieved measurable results while managing multicultural teams of 50+ in a dynamic, fast-paced environment. Have extensive experience executing domestic and global operations in computer network operations, cyber planning, network defense, and system analysis and design. Comprehensive knowledge of cyberspace operations, project management, risk assessment and mitigation, operational planning, and user training and support. Strong understanding of device configuration and networking protocols, employing full-stack capabilities to process programs and procedures to efficiently optimize contributions to user, team, and corporate success.

Technical Skills

Performance and Project Management - Recruiting - Strategic Planning - Mentoring/Coaching - Agile methodology - HTML - CSS - Bootstrap - JavaScript - jQuery - Java SE - Java EE (Servlets, JSP) - Spring - MySQL - MongoDB - Thymeleaf - Object-Oriented Programming - Test-Driven Development - Version Control with Git - Paired Programming - Elastic Stack - Zeek - Cisco route/switch - Windows - *NIX operations systems - Confluence - Jira

Exposure - Python - PowerShell

Development Projects

[CodeEncounter \(Capstone\)](#)

The CodeEncounter website is designed to connect coders from all over the world. Whether you are looking for collaborators for a project or simply wanting to learn from others, CodeEncounter is the perfect place to start. With profiles that list your skill level in various programming languages, it's easy to find others who are at your level and can help you learn or work on projects together. And because the site is global, you can connect with coders from all over the world - expanding your horizons and making new friends in the process. So whether you're a seasoned veteran or a coding newbie, head on over to CodeEncounter and start connecting with fellow coders today.

[Weather App](#)

Our custom weather service web page utilizes data from two separate APIs to provide users with a 5-day forecast for any location in the world that weather data is available. Users can access the forecast by entering an address, geo-location, or by using the interactive map. The forecast includes high and low temperatures, precipitation, wind speed, and humidity. We also provide a link to the National Weather Service's daily weather report for each location. Our page is updated regularly so that users can always get the most accurate information.

[Coffee Project](#)

Coffee lovers rejoice! A new online application, developed by a two-person team, allows users to search for coffee by roast type or name, as well as add coffees to their coffee list. The app, which is currently in beta testing, is designed to be user-friendly and accessible on both desktop and mobile devices. In addition to its search function, the app also includes a rating system and review function, so users can rate and review the coffees they try. The developers are currently working on adding a social component to the app, so users can connect with other coffee lovers and share recommendations. With its convenient search function and user-friendly interface, the app is sure to be a hit with coffee aficionados everywhere. So what are you waiting for? Start searching for your perfect cup of coffee today!

[Movie Project](#)

As a web developer, I am always looking for ways to improve my skills and push myself to try new technologies. Recently, I took on the challenge of developing a responsive mobile-first web application that would allow users to save their favorite movies. Working with another developer, we were able to create an app that not only met the specifications but also looked great and was easy to use. We used the OMDb API to get data for each movie, and we made sure that the app could handle an unlimited number of entries. In the end, we were very proud of the finished product and felt that it was a great success.

Military Experience

Innovation & Capability - USCYBERCOM, Fort Meade, MD

Innovation & Capability Lead / Nov 2017 - Aug 2021

- Created and managed a \$65M+ Deployable Mission Support System (DMSS) network security monitoring program. This program supported 600+ cyber protection forces. In addition to this, I also managed 20 engineers in the program life-cycle.
- Actively involved and lead technical architecture, strategic and executive leadership planning decisions for the group, including customer and partner engagements that help build long term strategy for the program.
- Collaborated with joint program offices to develop crucial Cyber Mission Force technical policies, procedures, and capabilities requirements. My efforts have resulted in the commitment of resources from the joint program office to meet immediate Cyber and Fleet requirements.
- Rapidly developed advanced Cyber warfare concepts of operations, coordinating with national, Fleet, RDT&E and operational partners in support of Cyber capability development. I advised the Commander on disruptive technologies to advance U.S. Naval warfighting capability.
- Implemented and established a Big Data Platform cross-functional team consisting of 12 engineers and operators. Coordinated the integration of the Navy data platform into USCYBERCOM Joint Cyber Warfighting Architecture.
- Directed 600+ joint service members across 10 Cyber Mission Force teams in the execution of 900+ operations supporting three Combatant Commanders' mission objectives enabling unique in theater execution of exquisite cyberspace missions.
- Responsible for operating and defending Navy Networks, Communications, and Space; provided tailored SIGINT; delivered Cyber, Electronic Warfare, and Information Operations warfighting effects; and delivered certified Cyber Mission Forces to U.S. Cyber Command.

Cyber Protection Team - NIOC Honolulu, HI

Senior Operations Manager / Jul 2014 – Sep 2017

- Led 59 Cyber Security Analyst, IT Technicians, and Intelligence Specialist in the defense of Department of Defense critical network infrastructure and information systems; developed 2K+ intelligence products vital to informed decision making and briefed by higher headquarters.
- Generated 80 mission-essential reports, mitigated 60 network vulnerabilities, and enhanced the organizations defense security posture with the development of a \$500K computerized lab.
- Reviewed 10 after action reports and developed risk mitigation plans for 6 diverse missions; managed the inventory and delivery of \$550K of mission-critical equipment with 100% accountability.
- Guided 40 personnel across 14 organizations in the development of the first Deployable Missions Support Systems for the Navy; developed intrusion detection and prevention systems, became the enterprise solution for Navy Cyber Protection Teams worldwide and saved \$2.5M in contractor and labor cost.
- Conducted Defensive Cyberspace Operations on vital infrastructure and implemented risk mitigation strategies; offered a plan of action to mitigate or remove security vulnerabilities. Assessed the compliance of security policies and processes, and created documentation and supporting materials to validate system configurations for customers, resulting in more secure networks.
- Managed a fiscal year budget of \$650K procuring network equipment and administrative supplies for operations; maintained and procured over \$3M of network equipment and assets.
- Supervised 20 personnel in 2 lab renovation projects, saving \$60K in labor cost for the organization.

National Security Agency - NIOC Texas, TX

Interactive ON-NET Tech Lead / Aug 2008 - Jul 2014

- Led an 47 personnel division in the execution of all facets of Computer Network Operations.
- Directly responsible for the execution of 800+ CNE operations that allowed target analysts throughout the entire NSA/CSS enterprise to advance endpoint-exploitation operations against previously inaccessible systems.
- Applied principles and techniques of computer science and computer engineering to research, design, develop, test, and evaluate software and firmware for computer network attack, exploitation, and defense in cyberspace operations.
- Conducted 300+ National level CNE operations against adversary targets which directly supported the Global War on Terrorism.
- Successfully led a 42 member division composed of both military and civilian operators spanning 3 sites across the country.
- NSA Tool Champion for six CNO related tools. Provided documentation and training that allowed 50+ CNO professionals to use these advanced tools for prosecuting their target sets.

Education

Codeup

Certification of Completion

Mar 2022 - Aug 2022

A fully-immersive, project-based, and intensive 20-week Full-Stack Java Career Accelerator that provides students with 670 hours of expert instruction in software development

University of Maryland Global Campus

B.S., Information Technology

Expected May 2024

Professional Training/Certifications

Interactive Operator (Windows, Routers) - Security+ - Network+ - Certified Ethical Hacker - Advanced Network Analyst - Digital Network Analysis - American Board for Certification in Homeland Security Level 1, 2 and 3 - Senior Leadership Course - LDO/CWO INDOC - Maritime Staff Leadership Course

Notable Awards

Defense Meritorious Service Medal - Joint Service Commendation Medal - Navy and Marine Corps Commendation Medal - Joint Service Achievement Medal - Navy and Marine Corps Achievement Medal