

Charles A. Adams IV

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Portfolio: <https://caadams4.github.io/>

PROFESSIONAL SUMMARY

Student Veteran with 8 years of experience in system administration pivoting to software engineer. College education has focused on building in all phases of the Software Development Life Cycle in an Agile development workflow. Enjoys building useful full-stack applications. Desires to continue serving the United States by using technical skills to build and support defense systems. Actively seeking Sec+ recertification.

SKILLS

- **Languages:** JavaScript/Typescript(expert); Python3(expert); C/C++(proficient); Java(proficient)
- **Tech:** Ubuntu, Windows, MongoDB, Express, Angular, NodeJS, React, VScode, Firebase, SQL, NoSQL, Virtualization, Bootstrap, HTML, CSS, Docker, Kubernetes, Google Cloud Platform, REST API, Git, NPM, jQuery
- **General:** UI Design, teamwork, software design, software testing, software, coding, field support, telework

EDUCATION

University of Delaware

Aug 2020 - May 2024

- **Major:** B.S in Computer Science with a concentration in Cybersecurity - GPA: 3.71
- **Coursework:** Software Engineering; Cloud Computing & Security; Web App Security; Operating Systems; Data Structures; Secure Software Design; System Hardening & Protection; Advanced Web Technology
- **Clubs:** University of Delaware Capture the Flag (offensive hacking) Team

WORK EXPERIENCE

System Administrator

United States Marine Corps

Aug 2012 - Aug 2020

- Created a trouble ticket tracking website that ensured 100% of problems were logged, tracked, and solved
- Identified, troubleshoot, and resolved over 500 technical computer, server, and network problems
- Led teams of 5 employees in 11 expeditionary deployments to build computer and radio networks overseas
- Automated 20 routine tasks on systems with shell and Python scripting saving 5 man hours per day
- Explained technical topics, problems, and projects to mid-level or executive leaders over 48 times
- Performed permission audits of over 400 users and 50 groups while following best cybersecurity practices
- Conducted training sessions on cybersecurity posturing and best practices for over 300 employees

PROJECT EXPERIENCE

Campus Meet Web App: Class Project - Fall 2022 - <https://github.com/caadams4/campus-club>

- Full-stack web app. Students at the University of Delaware can attend events around campus. Written predominantly in TypeScript. Built with MongoDB, Express, Angular, and NodeJS (MEAN stack)

DIY-Discord Web App: Personal Project - Summer 2022 - https://github.com/caadams4/my_very_own_discord

- Frontend web app intended to be a CTF web security problem. Built with HTML, JavaScript, and Firebase

Degree Planner: Class Project - Fall 2021 - <https://github.com/UD-CISC275-F21/ud-cis-scheduler-team-5>

- Frontend React app. Computer Science degree planner for students. Built with automated testing

CTF Web Application Security Project: Class Project - Fall 2021

- Solve a series of challenges from the OWASP Top 10 categories for points. Problems included SQL injection, cookie stealing, cross-site request forgery, cryptography, and blind command injection

Othello Game: Class Project - Summer 2021 - <https://github.com/caadams4/Othello-Game>

- Linux terminal-based game played with one human player vs an AI, or two human players. Built with C++