BRAEDEN OLNEY

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OBJECTIVE

Computer Science graduate student at the Georgia Institute of Technology and full-time software developer with experience building scalable software systems using modern development and deployment tools.

EDUCATION

Master of Computer Science, Georgia Institute of Technology 2024 - 2026

Coursework: Artificial Intelligence, Machine Learning For Trading, Mobile and Ubiquitous Computing, Computer Networks, Machine Learning, "AI, Ethics, and Society"

3.8 GPA

Bachelor of Computer Science, Central Washington University 2022 - 2024

Magna Cum Laude 3.85 GPA

Minor in Mathematics

President of the Computer Science Club

Coursework: Coursework: Advanced Data Structures, Database Management, Data Science in Python, Software Engineering, Cybersecurity, Network Management, and Operating Systems

SKILLS

Technical Skills	Python, Kubernetes, Docker, Helm, Java, C/C++, MySQL, JavaScript, HTML, CSS, PHP
Soft Skills	Problem-Solving, Leadership, Time Management, Communication, and Dependability
Certification	CompTIA Security+, CKAD Coming Soon...
Clearance	Secret

EXPERIENCE

Software Developer January 2025 - Present
BCubed Engineering *Warrenton, VA*

- Developed a full-stack Kubernetes cluster comparison tool, deployed on Kubernetes, using a React-based frontend and a Python FastAPI backend.
- Deployed applications using GitLab CI/CD pipelines and containerization to build a Hugo-based site for release notes and release comparisons.
- Designed, documented, implemented, and maintained scalable software features using Python, Docker, and Kubernetes

Process Development Intern June 2023 - Sept 2023
EC Electric *Tukwila, WA*

- Developed automation for Microsoft Suite to streamline business processes, improving efficiency and productivity.
- Designed and implemented webpage automation for LNI paperwork, reducing filing time and increasing accuracy.
- Created a PowerApps application for Foremen to simplify paperwork filing, allowing them to focus on core tasks.

CS/Math Tutor Sept 2023 - June 2024
Peer Assisted Learning *Des Moines, WA*

- Taught students complex Computer Science and Mathematics topics using Java and Python, leading to the students scoring higher on projects and exams.
- Developed practice tests and quizzes to help students prepare for upcoming exams, ending with the students performing 25% better compared to previous tests

PROJECTS

CWU Computer Science Placement Exam. Developed a placement exam for incoming students to assist in course placement by using JavaScript, HTML, CSS, Bootstrap, PHP, and MySQL. Central Washington University currently uses the placement exam to make recommendations to students.

CWU Computer Science Club Webpage. Built a user-based webpage to communicate club information and host club activities using JavaScript, HTML, CSS, PHP, and MySQL. Club members used the webpage to check the schedule and solve/discuss the daily leetcode problem.