Brody Bond

https://brodybond.github.io | bond.brody.d@gmail.com | https://github.com/brodybond/

Howdy! I'm Brody and I love working with people and developing useful software. My passions are automation, security, and software engineering for quality and usability. Check out my website for more information! References available upon request.

Education

Master of Computer Science May 2025
North Carolina State University Raleigh, NC
GPA: 3.40

Bachelor of Science in Computer Science May 2023
North Carolina State University Raleigh, NC
GPA: 3.53

Skills

Programming Languages & Tools: Java, Python, C/C++, Assembly, Javascript, Django, PostgreSQL (SQL), MongoDB (NoSQL), JavaScript, Qiskit, Cortex XSOAR, APIs, GitHub Actions (CI/CD)

Other: Undergraduate degree focussed on cybersecurity with an interest in secure software development. Graduate degree rounded out CompSci knowledge, including classes in machine learning, quantum computing, human-computer interaction, and linear programming for operations research.

Projects

Swine Tracker | Java, SpringBoot, PostgreSQL, Docker, JWT April 2025
Stood-up, tested, and deployed a full-stack, dockerized web application over a 48-hour period for tracking farms and individual swine shipments as a mock-up application for a swine epidemiology lab.

CityByte | Python, Django October 2024
Led a peer team to refactor and implement new features in a city-exploration web app. Adapted quickly to new codebases and tools, while actively mentoring less-experienced teammates on SWE best practices.

SOAR Integrations for Truist | Python, XSOAR January 2023 – May 2023
Led a peer team in developing Python integrations for Truist's SOAR platform. Contributed Python code, provided peer reviews, and maintained team documentation. Delivered end-product saved a software engineering team an estimated 10 man-hours per week.

Experience

Teaching Assistant, Lead TA, and TA Senator August 2022 – May 2025
Taught concepts and tools such as UNIX, Excel, website design, basic networking, CS fundamentals, and Python as a TA in two courses. Coordinated TA assignments, trained new TAs, advocated for students, and worked to improve multiple aspects of coursework as a Lead TA. As a TA Senator, collaborated with a team of experienced TAs to improve content for multiple undergraduate Computer Science courses; also contributed to a departmental analysis to inform and guide funding and decision-making for upper-level academic administrators.