Bennett Godinho-Nelson

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EDUCATION

The Ohio State University — Columbus, OH
Combined B.S./M.S in Computer Science Engineering + Mathematics Minor — *Expected: May 2026*
GPA: 3.71

Relevant Coursework: Software Engineering, Data Structures and Algorithms, Web Development, Computer Networking, Artificial Intelligence, Operating Systems, Ethics in Computing, C/Software Tools, Database Management Systems, Discrete Mathematics and Statistics, Linear Algebra, Multivariable Calculus, Statistics for Engineers

EXPERIENCE

JPMorgan Chase and Co. — Columbus, OH
Software Engineering Intern — *Jun 2024 – Aug 2024*
- Spearheaded the development a Progressive Web App (PWA) to analyze banker feedback on internal applications, enhancing user experience and productivity across 4,700+ U.S. branches.
- Leveraged Oracle for efficient data storage and management.
- Awarded "Best in Class" among 20+ intern projects for innovation and presentation.

The Ohio State University College of Engineering — Columbus, OH
Undergraduate Teaching Assistant - Design, Development, and Documentation of Web Applications — *August 2024 – Present*
- Taught teams of 6 REST APIs, Web scraping and Test-Driven Development, guiding students through the intricacies of JavaScript, CSS/HTML, and Ruby on Rails. Facilitated bi-weekly office hours to provide clarity on complex concepts, debug code, and foster collaboration.

The Ohio State University College of Engineering — Columbus, OH
Undergraduate Teaching Assistant - Software Development 1 — *August 2023 – Present*
- Assisted 40+ students each semester in Object-Oriented Programming and Data Structures and Algorithms, meeting with students twice a week to assist in class. Clarified complex concepts, debugged code, and fostered a collaborative learning environment.
- Conducted regular and accessible office hours, providing dedicated support to students by offering in-depth explanations, code reviews, and constructive feedback, enhancing their problem-solving skills and overall comprehension of software engineering concepts.

PROJECTS

- **Banker Feedback System:** Designed, implemented, and tested a full-stack application in a team of 4 to describe real sentiment analysis of banker feedback data across over 4,700 U.S. branches. Worked with an existing internal project and developed a new web application completely from scratch. Established security and end-to-end configurations for the project. Leveraged tools and frameworks including CI/CD, React, REST, Websockets, JDBC, Typescript, Springboot, and Jest.

- **E-Commerce Website:** Developed an e-commerce platform for Ohio State students to sell clothing using Ruby on Rails, Amazon S3 for persistent images, and SQLite ORM for database management. Implemented real-time analytics, test-driven development, continuous integration, and cloud deployment for scalability and performance.

- **JPMC Global Innovation Hackathon:** Developed a scalable internal mentorship app concept during Innovation Week's hackathon. Leveraged React and Material UI to build a dynamic, responsive front end, and implemented a Python-based back end for efficient data handling and API integration. Designed for streamlining mentor-mentee matching using algorithmic pairing, the app facilitates improved collaboration and communication within the organization.

SKILLS SUMMARY

Languages	Java, JavaScript, Python, HTML/CSS, C, C++, Ruby on Rails, SQL, TypeScript, x86 Assembly
Tools	Git, Jira, MongoDB, JSON, Figma, JDBC, Docker, Oracle Databases, Postman, Bitbucket, S3, EC2, Linux
Frameworks	React.js, CI/CD, Node.js, Springboot, Mockito, Jest, Apache, MVC

ACTIVITIES AND ORGANIZATIONS

DEV Software Engineering Club — *Lead Software Engineer*
CSE Undergraduate Studies Committee — *Student Representative*
Council of CSE/CIS Mentors — *Peer Mentor*