

Bennett Godinho-Nelson

937-794-2186 | bennettgodinhonelson@gmail.com | [linkedin.com/bennett-godinho-nelson](https://www.linkedin.com/in/bennett-godinho-nelson) | Extremely Flexible Location

EDUCATION

The Ohio State University

M.S. in Computer Science Engineering

GPA: 3.75

Columbus, OH

Expected: May 2026

Relevant Coursework: Software Engineering, Data Structures and Algorithms, Artificial Intelligence, Computer Vision, Parallel Programming Mobile Development, Web Development, Operating Systems, Ethics in Computing, C/Software Tools, Database Management Systems, Computer Networking, Linear Algebra, Differential Equations

EXPERIENCE

Amazon

Software Development Engineering Intern

Seattle, WA

May 2025 – Aug 2025

- Built a data ingestion workflow extracting product attributes into OpenSearch to support RFX Negotiation workflows.
- Collaborated with Applied Scientists to optimize LLM pipeline, boosting token throughput by 50x and improving accuracy by 60%.
- Benchmarked LLM performance on 8k+ datapoints, reducing inference latency by 35%.
- Integrated AWS services (Lambda, API Gateway, SQS, S3, Bedrock) across 5 pipelines and 4 services.
- Onboarded a new client to the service and delivered two production use cases, enabling broader adoption.
- Contributed to \$3M in projected operational savings by Q4 2028 through automation and data efficiency gains.

JPMorganChase

Software Engineer Program Intern

Columbus, OH

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+ branches.
- Developed RESTful APIs with Java and SpringBoot, managing over 1,000 daily requests in a private cloud.
- 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

Graduate Teaching Assistant - Software Development and Web Applications

Columbus, OH

August 2024 – Present

- Mentored teams of 6 in full-stack development, guiding students through the intricacies of JavaScript, CSS/HTML, and Ruby on Rails. Facilitated bi-weekly meetings to provide clarity on complex concepts, debug code, and foster collaboration.
- Assisted 40+ students each semester in Object-Oriented Programming and DSA, meeting with students four times a week to assist in class. Clarified complex concepts, debugged code, and fostered a collaborative learning environment.

PROJECTS

- **RFX Negotiation Extractor:** Delivered a production-ready feature in 12 weeks by designing and implementing a multi-pipeline workflow that extracted Amazon catalog data, ingested it into an LLM, and indexed outputs in OpenSearch. Orchestrated processing across Lambda, SQS, and S3, integrated the workflow into CI/CD pipelines, and emitted metrics for monitoring and performance analysis. Optimized token throughput, resolved bottlenecks with Applied Scientists, navigated ambiguity with SMEs, and produced deep dive documents, executive summaries, and handoff documentation to ensure team alignment and production readiness.
- **E-Commerce Website:** Designed an e-commerce website for students within the Ohio State community to sell clothing with descriptive real-time analytics through Ruby on Rails. Employed test-driven development, code coverage, continuous integration, and documentation, deploying the web application to the cloud.
- **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, leveraging CI/CD. Established security and end-to-end configurations for the project. Leveraged tools including React, Typescript, Springboot, and Jest.

SKILLS SUMMARY

Languages: Java, Kotlin, JavaScript, Python, HTML/CSS, C, C++, Ruby, SQL, TypeScript, x86 Assembly

Tools: Git, Jira, AWS Bedrock, OpenSearch, MongoDB, Firebase, Docker, Postman, Lambda, SQS, S3, EC2, IAM, Linux, SQL Lite, Oracle Databases

Frameworks: React.js, CI/CD, Node.js, Springboot, Mockito, Jest, Apache, AWS CDK