

EDUCATION**North Carolina State University - Raleigh, NC****Expected May 2028**

Bachelor of Science in Computer Science, Artificial Intelligence Concentration

GPA: 3.70 / 4.00

Coursework: Data Structures & Algorithms, Operating Systems, Intro to AI, C and Software Tools

Honors: Dean's List: Fall 25, Spring 25, Spring 26

SKILLS

- **Languages:** C, Java, Python, TypeScript, JavaScript, SQL
 - **Frameworks/Libraries:** React, Node.js, Electron, Vitest, Plotly
 - **Tools:** Git, GitHub, Jupyter, PostgreSQL, Supabase, Render
 - **Certifications:** AI Professional Skills Certification with OpenAI (2025)
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EXPERIENCE**First Quality Books - Pittsboro, NC****May - August 2026***Software Engineer*

- Designed and implemented mock-driven Vitest suites for renderer UI components, emulating an oRPC backend to test CRUD workflows across 20+ automated tests
- Developed and integrated UI improvements for a desktop accounting application using TypeScript, React, and Electron
- Contributed to feature development through Git-based issue tracking, code review with pull requests, and participating in daily implementation discussions

The Global Career Accelerator - Remote**May - July 2025***SQL & Python Trainee*

- Analyzed 20+ datasets in Python and Jupyter to find trends and generate data-driven recommendations
 - Created interactive Plotly visualizations and communicated analytical findings through written and verbal presentations
 - Collaborated with an international team to complete data analysis projects under project deadlines
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PROJECTS**Pack Trumpets Snipe Leaderboard - Personal**

- Built and deployed a full-stack leaderboard application with an integrated GroupMe bot for automated event tracking
- Developed Node.js backend services for GroupMe webhook processing, event validation, and leaderboard API endpoints using PostgreSQL
- Built a public frontend for leaderboard visualization and deployed the application using Render cloud hosting and Supabase/PostgreSQL for database management

WolfSurveillance - Academic

- Implemented a tree-inspired data structure and search algorithm to retrieve and analyze simulated phone-call records
 - Implemented query function to identify related call records and members within specified distance
 - Analyzed and compared time complexity across search implementations using different data structures
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ACTIVITIES / LEADERSHIP**Marching Band****August 2020 - Present**

- **The Power Sound of the South Member** - North Carolina State University
- **Drum Major: Junior & Senior Year** - Northwood High School
 - Led and instructed ensemble members, conducted performances, and helped lead band to Reserve Grand Champion