

Malik Wensman

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EDUCATION

NC State University

Expected Graduation - May 2026

Bachelor Degree in Computer Science, GPA: 3.71, Year: Junior

Raleigh, NC

Honors: On the Dean's List Of Achievement

Relevant Coursework: Software Development, Data Structures, Algorithms, Data Science, Database Mgmt

EXPERIENCE

Full-Stack Software Intern

02/2025 – Present

Axiom Software

Cary, NC

- Migrate CRM database from SQL to PostgreSQL, improving performance and scalability
- Develop and enhance front-end UI features using Angular (HTML, SCSS, TypeScript)
- Implement API integrations using C# to connect front-end and back-end systems
- Utilize Azure DevOps for project management, collaboration, and streamlining the application lifecycle
- Contribute to a fast-paced startup environment, adapting to evolving project needs

Engineering Intern

05/2023 - 07/2023

NC Soil and Water Conservation Division

Raleigh, NC

- Mapped watersheds using ArcMap GIS software
- Calculated water runoff of lands for flood prevention and soil conservation using EFH-2
- Designed pond dams using WinPond and Civil 3D

TECHNICAL SKILLS

Languages: Java, Python, C, SQL, HTML

Knowledge/Skills: Testing/Debugging, Object-Oriented Design, Performance Analysis, Data Structures, Algorithms, Data Science, Database Management

Developer Tools: Git, VS Code, PyCharm, IntelliJ, Eclipse, Google Colab

PROJECTS

PackHealth (EHR) software | *Java, Data Structures, Algorithms*

10/2024 - 11/2024

- Developed a secure user activity logging system, complying with new cybersecurity standards
- Designed algorithms and implemented data structures
- Conducted performance analysis and tested to ensure efficiency

WolfScheduler, WolfTasks, Issue Manager softwares | *Java, Design Patterns, Testing*

01/2024 - 04/2024

- Developed Java-based applications using OOP, MVC, and design patterns (State, Singleton, Command)
- Designed file I/O operations, managing data persistence and error handling
- Applied test-driven development (TDD), achieving 60-80%+ JUnit test coverage.
- Implemented sorting algorithms, task scheduling, and conflict detection mechanisms
- Utilized GitHub for version control and Jenkins for continuous integration

FEDD DAY 2023 Competition | *Solidworks, 3D Printing, Presentation*

01/2023 - 05/2023

- Team Won the FEDD DAY 2023 Entrepreneurship Competition
- Designed a Device Holder using SolidWorks and 3D Printing

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

SEO Career Program | *Active Member, USA*

2024-Present

- Participate in career development workshops and networking to enhance professional growth
- Build skills in leadership and career readiness through tailored resources and mentorship

ColorStack | *Active Member, USA*

2024-Present

- Engage in initiatives supporting Black and Latinx students in technology by networking
- Participate in professional development
- Collaborate on technical projects