

William J. Moore III

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SUMMARY

Computer Science senior at UNC Greensboro focused on software engineering, full-stack development, data analysis, and AI fundamentals. Strong foundation in Java, Python, C/C++, SQL/PostgreSQL, Spring, Linux, data structures, algorithms, and database systems, with project-based experience building Spring MVC applications and SQL analyses that support clear recommendations.

SKILLS

Languages: Java, Python, C/C++, SQL | **Tools/Frameworks:** Spring Boot, Spring MVC, Spring Data JPA, PostgreSQL, FreeMarker, Bootstrap, Git, Linux, Vim, Jupyter, Pandas

Core: Data Structures, Algorithms, System Programming, Database Systems, MVC Architecture, REST-style APIs, Technical Writing | **Data Analysis:** Joins, CTEs, CASE logic, GROUP BY/HAVING, subqueries, aggregation, filtering/sorting, business recommendation writing

EDUCATION

University of North Carolina at Greensboro — Bachelor of Science in Computer Science | *Expected 2027*

Overall GPA: 3.41 | Major GPA: 3.62 | Classification: Senior

Relevant Coursework: Software Engineering, Advanced Data Structures, System Programming, Principles of Database Systems, Theory of Computation, Concepts of Programming Languages, Foundations of Computer Science I/II, Computer Organization/Assembly, Statistics, Calculus I

In Progress/Registered: Artificial Intelligence, Algorithm Analysis/Design, Operating Systems, Calculus II, Global Career Accelerator

PROJECTS

Gym Class Hub — Java/Spring Full-Stack Web Application | *Jan 2026 – May 2026*

- Collaborated on a semester-long web app for gym class scheduling, enrollment, instructor workflows, and customer reviews using Java, Spring Boot/MVC, Spring Data JPA, PostgreSQL, FreeMarker, Bootstrap, and Git.
- Contributed instructor/provider features including dashboard/profile flows, class creation and scheduling, class/session image support, enrollment viewing, review replies, browse filters, and protected-action redirects.
- Worked with MVC architecture, controllers, services, repositories, JPA entities/relationships, server-rendered templates, requirements, user stories, acceptance criteria, and testing scenarios.

Data Analytics Projects — Global Career Accelerator | *Summer 2026*

- Completed SQL analyses across sustainability, product analytics, construction demand, and public transit datasets using joins, CTEs, CASE logic, GROUP BY/HAVING, subqueries, and date-based aggregation.
- Translated query outputs into business recommendations; produced selected portfolio artifacts for Intel sustainability, GameJet microtransactions, construction/weather demand, and London transit ridership.

EzyReadComics — Django/PostgreSQL Reading-Map Application | *In Progress*

- Designing web application to organize comic reading orders and model a current-reading-era algorithm using Django, PostgreSQL, and structured backend logic.

Personal Portfolio Website | *williamjmoore3.com*

- Built and deployed personal portfolio site using HTML/Bootstrap, GitHub, Cloudflare Pages, and a custom domain to showcase projects, resume, and technical growth.

WORK EXPERIENCE

Mosquito Squad — Technician, Greensboro, NC | *Jan 2023 – Jun 2023*

- Serviced 10–20 residential properties per day using commercial-grade equipment while following safety and treatment procedures.
- Operated company vehicle across assigned routes to complete approximately 60–80 client visits per week and communicate directly with homeowners.

PetSuites — Dog Trainer, Greensboro, NC | *Jan 2021 – Jan 2023*

- Trained 5–10 dogs daily through group and one-on-one sessions focused on obedience, behavior modification, and enrichment.
- Coordinated client communication, progress updates, and social media content while applying structured problem-solving to improve obedience outcomes.

Chick-fil-A — Kitchen Hand, Winston-Salem, NC | *Jan 2019 – Jul 2020*

- Prepared and assembled 50+ meals per shift while coordinating with kitchen and front-line teams to maintain order accuracy, speed, food safety, and cleanliness standards.