

Brian Grant Tramuel

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• github.com/btramuel

EDUCATION

Winston Salem State University
Information Technology Major | Minor in Business

Aug 2022 - May 2024
Winston Salem, NC

University of North Carolina at Charlotte
B.A in Computer Science | Concentrating in Information Technology | Minor in Statistics

Aug 2024 - May 2026
Charlotte, NC

Relevant Courses: Data Structures & Algorithms, Database Design & Implementation, Human Centered Computing, User Experience Methods, Intro to Visual Basic

SKILLS

Software: MS Office 365, MS Access, Linux, SharePoint, Visual Studios, Adobe, SAS, VMware, MS Azure, Visual Basic, VS Code, BlueJ, GitHub, MySQL

Programming Languages: Java, VB.Net, MIPS Assembly, SQL, HTML

Soft Skills: Teamwork, Critical Thinking, Leadership, Problem Solving, Adaptability, Customer Service, Computer Literacy, Documentation, Application Frameworks, Industry Skills, Communication, Data Analysis

EXPERIENCE

Mecklenburg County

June 2024 – Aug 2024
Charlotte, NC

IT Systems Engineer Intern

- Created and managed cloud servers using Azure and VMware.
- Assisted with server management, storage, and backup solutions.
- Fulfilled printing service requests and maintained cloud environments.

Select Home Tech

June 2022 – Present
Charlotte, NC

Technician

- Installed and troubleshoot network systems using hand tools.
- Implemented maintenance procedures for network performance.
- Adhered to strict safety protocols during all operations.

PROJECTS

Library System Management | (Java)

Dec 2023

Built a system to manage books with features for adding, searching, and sorting. Used HashMap for searches and Comparator for sorting by title or year. Added a recommendation feature for books by the same author.

Server Migration Project | (Excel, Azure, VMware)

June 2024

Assisted with migrating physical servers and hard drives to the cloud using Azure and VMware, ensuring secure data transfer and storage. Decommissioned outdated server room equipment and documented inventory, streamlining future audits

Predicting Stress Levels of Students | (SAS, Google Forms)

Dec 2024

Collaborated to analyze stress predictors in students using survey data. Cleaned and processed responses, ran multi-linear regression models, and identified significant correlations between sleep, credit hours, and stress for women and men in STEM. Documented findings and presented results.

Car Valet Management | (SQL, MySQL)

May 2025

Developed a database-driven valet system for managing vehicle check-in, parking, and retrieval. Designed an SQL database to track valet staff, customers, payments, and security logs while writing queries for parking availability, payments, and vehicle lookups. Defined user roles and system requirements for admins, valets, security, and cashiers.

ACHIEVEMENTS & INVOLVEMENT

Dean's List x3 (WSSU)

June

Dean's List honors are awarded only to those students who earn a scholastic grade point average of 3.0 or higher in 12 or more credit hours of graded coursework with WSSU in an academic semester, with no grade below C and no incomplete grades.

Association for Computing Machinery (ACM) Club

Aug 2022 – Present

Worked with peers to develop coding projects, participated in hackathons, and explore. Technologies in computing. Contributed to discussions and workshops on software development. Active participant in coding and project management workshops

Blacks in Technology (BIT) Club

Sept 2024 – Present

Supported the academic and professional growth of Black students in tech through networking, events, and campus resources. Gained skills in collaboration, technology, and career development.