

Brian Grant Tramuel

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Education

University of North Carolina at Charlotte

Aug 2024 – May 2026

B.A. Computer Science | Focus in Information Technology | Statistics Minor

Charlotte, NC

Relevant Courses: *Data Structures & Algorithms, Database Design Implementation, UX Methods, Front End Web Apps, Cloud Computing Data Analysis, Software Systems & Identity Management, Human-Centered Artificial Intelligence, Usable Security and Privacy*

Skills

Cloud Platforms: Microsoft Azure, VMware, AWS

Operating Systems: Linux, Windows Server, SQL Server, VMware Workspace, Microsoft Machine Learning

Programming: Java, Python, SQL, JavaScript, VB.Net, HTML, CSS, Shell

Tools: SAS, VS Code, MySQL, GitHub, SharePoint, MS Office 365, Excel

Technical: Data Analysis, Application Frameworks, AI & Machine Learning Fundamentals, IT Support, System Troubleshooting

Product & UX Skills: User Research, Usability Testing, Prototyping, UX Design, Journey Mapping, Heuristic Evaluation, Cognitive Walkthroughs, SEQ/SUS Evaluation

Certifications: AWS Cloud Practitioner (In Progress), AWS Data Engineer (In Progress), Microsoft AZ-900 (In Planned)

Experience

Technician

Jun 2022 – May 2025

Select Home Tech

Charlotte, NC

- Installed and configured 80+ home/office networks, resolved tech issues, performed system upgrades
- Performed system upgrades, improving overall client system performance and reliability

IT Systems Engineer Intern

Jun 2024 – Aug 2024

Mecklenburg County

Charlotte, NC

- Built and managed 10+ virtual machines using Microsoft Azure and VMware, supporting county-wide IT operations.
- Maintained server storage, backup systems, and print services ensuring 99% uptime across services
- reducing service ticket resolution time by 15% through system performance and optimization

Retail Specialist

Jun 2025 – Present

Apple

Charlotte, NC

- Assisting 50+ customers with Apple products and services & assisted with setup, purchases, and product education
- Provided technical support and training on Apple devices and services to new customers

Projects

File System Simulator | Java

Apr 2025

- Built a file system simulator that executed 100+ file operations using recursive tree structures to model folders and paths.
- Implemented custom logic for directory creation, deletion, and navigation to simulate UNIX-style file management.

Server Migration Project | Azure, VMware

Jun 2024

- Migrated 5+ on-premises servers to Azure using VMware tools to improve scalability and system security.
- Decommissioned legacy hardware and optimized infrastructure, reducing operational costs by 15%.

Student Stress Analysis | SAS, Google Forms

Dec 2024

- Collected survey responses from 50+ STEM students and used SAS regression models to identify key academic stress factors.
- Generated statistical insights and recommendations to improve student wellness strategies.

Active Directory Lab | VMware, Windows Server 2025

Sep 2025

- Configured an Active Directory environment with a Windows Server 2025 Domain Controller and Windows 11 client in VMware.
- Set up DNS and user authentication policies to simulate enterprise-scale identity management.

Leadership & Involvement

Association of Computing Machinery (ACM Club)

Aug 2022 – Present

Participated in projects, 5+ hackathons, and multiple software development workshops

Blacks in Technology (BIT Club)

Sept 2024 – Present

Engaged in events supporting Black tech students via events, career prep, and collaboration

Computing Leaders

Aug 2025 – Present

Delivered 3+ K–12 computing lessons, developed teacher lesson plans and led STEAM Expo booths activities