Brian Grant Tramuel

(704) 258-4217 | brian.dolphus@tramuel.com | Charlotte, NC

linkedin.com/in/brian-grant-tramuel | github.com/btramuel | https://btramuel.github.io/brian-portfolio/

Education

University of North Carolina at Charlotte — Aug 2026 - Upcoming
M.S Information Technology | Focus in Software Systems Design and Engineering — Charlotte, NC

University of North Carolina at Charlotte — Aug 2024 – May 2026
B.A. Computer Science | Focus in Information Technology | Minor in Statistics — Charlotte, NC

Relevant Courses: *Data Structures & Algorithms, Database Design Implementation, Front End Web Apps, Cloud Computing Data Analysis, Identity Access Management, Backend App Development, Usable Security and Privacy, Software Analysis & Testing*

Skills

Cloud Platforms: Microsoft Azure, VMware, AWS

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

Tools: VS Code, GitHub, Linux, MySQL, MS Office 365, Postman, Maven, Docker, VMware Workstation Pro, SAS

Backend & Frameworks: Spring Boot, Spring MVC, Spring Data JPA, RESTful API Design, Nodejs

Experience

Teaching Assistant - Intro to Information Security & Privacy — Jan 2026 – Present
University of North Carolina at Charlotte — Charlotte, NC
– Assisted with grading virtual labs, simulations, and quizzes for a Security+ aligned information security course
– Supported **80+** students in network and endpoint security, threat mitigation, authentication & access control, and cloud security fundamentals
– Helped students understand CompTIA Security+ concepts through interactive labs while maintaining academic integrity standards

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

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

Projects

Cloud File Storage Service | *Azure, PostgreSQL, Spring Boot* — Dec 2025
– Built a Spring Boot REST API with Azure Blob Storage and Postgre SQL supports **4+** file operation with cloud-based storage
– Implemented RESTful endpoints using Spring Data JPA and Maven, validating **10+** API calls with Postman and curl

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.
– Created and organized user accounts and groups to practice admin tasks

Identity & Access Management System | *Spring Boot, Spring Security, PostgreSQL* — Oct 2025
– Built a JWT-based authentication system with role-based access control supporting **2+** roles and **3+** permissions.
– Secured **5+** REST endpoints, blocking unauthorized access during testing, and validated **10+** API requests using curl and Postman.
– Stored user credentials and roles in PostgreSQL to keep access data organized and easy to manage

Leadership & Involvement

Association of Computing Machinery (ACM Club) — Aug 2022 – Present
– Participated in projects, **5+** hackathons, and multiple software development workshops
– Collaborated with other members on coding challenges and shared ideas at club meetings

Blacks in Technology (BIT Club) — Sept 2024 – Present
– Engaged in events supporting Black tech students via events, career prep, and collaboration
– Attended networking sessions to connect with other students and professionals in tech

Computing Leaders — Aug 2025 – Dec 2025
– Delivered **5+** K–12 computing lessons, developed teacher lesson plans and led STEAM Expo booths activities
– Helped younger students learn basic coding concepts in a fun & easy to understand way