

Eric Shane Gaymon

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Education

Clemson University May 2023

**B.S. Computer Science, Minor in
Cybersecurity and Business
Administration**

Relevant Coursework

Software Engineering Fundamentals:

Software development lifecycle, Agile,
REST APIs and DevOps

Web Application Development: Amazon
Web Services EC2, JavaScript, Full stack
development

Network Programming: TCP/IP model, IP
addressing/CIDR, client-server architecture
in Linux, transport services and protocols

Database Management Systems: Data
modeling, entity relationship diagrams,
relational databases, MySQL, and database
design

Skills

Programming Languages: Java, C, C#,
JavaScript, Python

Other: SQL, Git, Unix/Linux, Microsoft
Visual Studio

Professional Experience

DataWorks Plus

Greenville, SC

Software Development Intern

May–Aug 2021, May–Aug 2022

- Collaborated with a team to create a web application to serve as a cloud based record management system in use by 20+ law enforcement agencies
- Implemented a distributed caching system to optimize server requests and improve overall website experience
- Developed a relational database using Entity Framework Core and MySQL
- Gained valuable experience with Microsoft's .NET framework and SQL database servers

Academic Experience

Clemson University

Clemson, SC

Good Driver Incentive Program

Dec 2022

- In collaboration with a team, designed and implemented a full stack web application using .NET and C#
- Enabled mock companies to reward commercial truck drivers through an online portal to track incidents while driving
- Participated in a mock iteration of the software lifecycle process using Agile processes

Pizzeria Management System

April 2023

- Designed and implemented a MySQL database system to track the day-to-day operations of a mock pizzeria
- Developed a Java application to go alongside the database, allowing users to interact with the database