Dominick Dickerson
Software Engineer

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PROFESSIONAL SUMMARY

Senior Computer Science major (Graduation May 2025) with experience in software development internships. Skilled in Microsoft services (SQL Server, SSRS, C#, Blazor), JavaScript (React, Svelte), C++, Python, and MySQL. Strong foundation in algorithms, database design, and full-stack development. Experience with Windows, MacOS, and Linux.

EXPERIENCE

SYSTEMS INTERN

May 2022 - Jan 2023 | GENESYS Systems Integrator , Kansas City, MO

• Assisted users with help desk tickets and system troubleshooting.
• Managed user accounts using Microsoft Azure Active Directory.
• Automated processes through custom PowerShell scripts.

SOFTWARE ENGINEER INTERN

May 2023 - present | GENESYS Systems Integrator , Kansas City, MO

• Utilized C# with the Blazor web framework to transition legacy Microsoft Access applications into a modern web-based solution.
• Led the complete rewrite of the company's internal landing page, improving functionality and user experience.
• Gained proficiency in Microsoft SQL Server, SQL Server Reporting Services (SSRS), and tools like Visual Studio 2022, Visual Studio Code, and SQL Server Management Studio.

PROJECTS

FULL STACK MYSQL DATABASE | WEB DEVELOPMENT PROJECT

• Developed a full-stack web application as part of the final project for CS 2300 (Introduction to Database and Filesystems), utilizing JavaScript and the React framework.
• Designed and implemented a MySQL database from the ground up, including a script for database creation.
• Built a dynamic, responsive website with React routing and Axios for API requests, supporting complete CRUD functionality.

INTERNAL WEB APPLICATION LANDING REDESIGN | SOFTWARE ENGINEER INTERN

• Redesigned internal landing page, improving user experience and integrating dynamic APIs.
• Developed and implemented custom CSS designs, ensuring responsive and visually appealing layouts.
• Integrated internal and external APIs to retrieve and display dynamic data, improving application functionality.
• Coordinated user communication throughout the development lifecycle, managing feedback and conducting beta testing to ensure a high-quality final product.

WEATHER WEB APP | API INTEGRATION PROJECT

• Developed a web application using the Svelte JavaScript framework, hosted on GitHub Pages, to retrieve weather data from the NWS Weather API and convert location strings to coordinates using the MapQuest API.
• Integrated multiple APIs efficiently, enhancing understanding of RESTful services and API interaction.
• Utilized tools like Postman and Insomnia REST for testing and debugging, refining skills in API development and integration.

SKILLS

.NET BLAZOR   **SQL SERVER REPORTING SERVICES (SSRS)**   **POWERSHELL**   **C#**   **C++**   **PYTHON**

JAVASCRIPT (SVELTE AND REACT)   **HTML/CSS**   **SQL SERVER AND MYSQL**

MICROSOFT AZURE HOSTING AND PIPELINES