

## ANDREW DAVISON

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### OBJECTIVE

A fast-learning and hard-working software engineer looking for a position to gain practical and hands on experience.

### EDUCATION

B.S. In Computer Science

May 2025

*College of Engineering and Computing at the University of South Carolina*

- Major: Computer Science
- Related Coursework: Algorithmic Design I & II, Advanced Programming Techniques, Computer Architecture, Digital Logic Design, Software Engineering, Linux/Unix Fundamentals, Operating Systems, Data Structures & Algos., Intro to Computer Networks, Foundations of Computation, Applied Linear Algebra, Discrete Structures, Software Engineering

### EXPERIENCE

Software Analyst

May 2024 to

*Global Shop Solutions*

Aug. 2024

- Created custom dashboard views for intracompany service website using DevExpress dashboard designer, similar to Power BI
- Converted stored SQL procedures into custom queries along with MVC architecture to build dashboards

Research & Development Analyst

May 2023 to

*Global Shop Solutions*

Aug. 2023

- Refactored object tests to implement new base test class, along with adding classes to test for different database connection types.
- Debug failing mode tests, to allow for transition between Pervasive database and Postgres database, and for functional tests.
- Used Git Desktop to maintain version control while refactoring code utilized by testing team

Research & Development Intern

May 2022 to

*Global Shop Solutions*

Aug. 2022

- Updated old User Interfaces from COBOL to Visual Basic .NET using DevExpress and the .NET Framework.
- Worked with the service team to analyze user requirements and implement user-friendly User Interface.
- Actively involved in analysis, design, test-driven development, system testing, and actively followed Agile methodology in the SCRUM cycle.

### SKILLS

Languages

- Java, C++, Visual Basic .NET, JavaScript, React, HTML/CSS, C, Python, x86 Assembly
- MySQL, PostgreSQL, Pervasive PSQL

Architecture

- Git/GitBash, GitDesktop
- Linux/Bash, Windows PowerShell, CMD