

Danielle Taylor

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TECHNOLOGY PROFICIENCIES & SKILLS

Programming & Development: Java, Python, JavaScript, SQL, HTML, CSS,

Software Tools: Git/GitHub, Visual Studio Code, Eclipse, Sublime Text, PyTorch, Command Line (Bash/PowerShell)

Other Technical Skills: Windows/macOS support, networking, technical documentation, project coordination

PROJECTS

Student Database Management System (Java, SQL)

- Designed and implemented a relational database to store and manage student records, course enrollments, and grades.
- Built a Java console application with JDBC integration to handle CRUD operations (create, read, update, delete).
- Optimized SQL queries and enforced constraints (primary/foreign keys, cascading deletes) to ensure data integrity.

Tag-Based Media Search App (JavaScript, JSON, HTML/CSS)

- Developed a web application for saving and filtering images and text posts using user-defined tags.
- Implemented infinite scrolling, dynamic batch loading, and tag-based include/exclude filters with live updates.
- Designed a JSON-backed data structure for storing posts with metadata (title, author, image, tags).

Combat Tracker Web App (JavaScript, HTML, CSS)

- Built an interactive combat tracker for tabletop RPGs with initiative grouping, drag-and-drop combatants, and round-tracked status effects.
- Implemented JSON import/export to preserve encounter data across sessions.

WORK EXPERIENCE

UDit Center

Technical Support Representative

Dayton, OH | November 2024 – Present

- Assists with CS hardware repairs, installing required software, troubleshooting, Windows imaging and deployment.
- Managed and resolved IT support tickets efficiently, ensuring timely updates and clear communication with end users regarding ticket progress.
- Provides professional and effective customer service and technical assistance to students, faculty, and staff members.

Business Administration Department at University of Dayton

Office Assistant

Dayton, OH | August 2023 – November 2024

- Maintained and updated department database systems, ensuring accuracy and integrity of data for research projects.
- Verified and optimized data structures for efficiency, applying analytical and technical skills.
- Assembled needed supplies for day-to-day operations.

EDUCATION

University of Dayton – Dayton, OH

Bachelor of Science in Computer Information Systems

Minor: Business Administration | Expected Graduation: May 2026

Relevant Coursework: Data Structures & Algorithms | Database Management | Web Development | Systems Analysis