

Drew Dabe
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(803) 767-0410

Academic History

- Attending the University of South Carolina under the Honors College
 - Studying for a Bachelor of Science in Computer Science in the Molinaroli College of Engineering and Computing with a 3.32 GPA
 - Deans Scholarship, Presidential Scholarship, and SC Palmetto Fellows Scholarship Recipient
- **Relevant Coursework:**
 - Advanced Programming Techniques
 - Applied Linear Algebra
 - Operating Systems
 - Computer Architecture

Job Experience

Collaborative Web Development

Heckeldex | Remote | Summer 2023 – Present

- Contributed to the creation of an expansive online archival resource for music students, supporting feature development and system design.
- Maintain and improve the site through regular updates, including formatting enhancements and adding new functionalities.
- Partner with music students to ensure the site meets the needs of its niche audience, balancing technical and user-centered design.

Full-Stack Developer

Chicanery Cane | Remote | January 2024 – Present

- Designing and building a secure full-stack e-commerce website to support online sales of specialized music supplies.
- Focused on data security, implementing hashing algorithms and secure APIs to protect sensitive user information.
- Developed the site architecture using EJS, Node.js, and Express, optimizing for scalability and user interactivity.

Skills

Programming Languages: Python, C++, Java, JavaScript, SQL, Bash, MATLAB

Frameworks & Libraries: Flask, Express.js, React.js, Docker

Web Development: Responsive Design, Cross-Browser Testing

Systems & Security: POSIX Threading, Hashing Algorithms, API Security, Virtual Machines, Assembly Language

Database Management: MongoDB, MySQL, SQLite

Operating Systems: Linux/Unix Systems, System Optimization, Networking Basics