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### Education

### **University of South Carolina**

Columbia, SC

B.S. IN COMPUTER SCIENCE Aug. 2021 - May 2025

· Major GPA: 3.8

• Earned President's List or Dean's List honors every semester for academic excellence.

# Skills

**Languages** Java, JavaScript, Python, C++

Web Technologies HTML, TailwindCSS, React.js, NEXT.js, Vue.js, REST APIs

**Backend Technologies** Node.JS, Express.js

**Databases** SQL, MongoDB, PostgreSQL **Version Control** Git, GitHub, GitLab, Powershell

Game Development GoDOT

**Computer Science Fundamentals** Data Structures and Algorithms, Applied Mathematics

**Soft Skills** Teamwork, Communication, Problem-Solving, Time Management, Adaptability

# **Work Experience**

DoIT at UofSC Columbia, SC

**DOIT INTERN** Apr. 2022 - Aug. 2022

 Provided hands-on technical support by managing help desk tickets, troubleshooting network and hardware issues, and assisting university staff with IT-related problems.

- Worked on a large-scale network mapping project for a new dormitory, using SSH and other tools to document device connections and ensure
  proper infrastructure setup.
- Participated in diagnostic assessments at the university's energy plants, identifying IT-related system issues and collaborating with senior engineers to ensure operational efficiency.

Zeus Industrial Products Orangeburg, SC

IT/COMPUTER SCIENCE/ENGINEERING INTERN

May 2024 - Dec. 2024

- Collaborated with IT and data professionals to explore enterprise software solutions using Oracle databases.
- Gained hands-on experience with IT project workflows, database management principles, and enterprise-level application development.
- Developed PowerShell scripts to automate basic IT operations, improving efficiency in routine tasks.
- Participated in discussions on IT infrastructure improvements and observed best practices in data security, system administration, and software deployment.

# **Projects**

### Large Language Model

Columbia, SC

Java, Design Patterns, PostgreSQL

Jan. 2023 - May 2023

- · Developed a large language model in Java to manage courses and coursework for up to 1,000 students.
- Utilized multiple design patterns to enhance scalability and maintainability.
- Designed the system for efficient course data management while ensuring long-term scalability.

### **Web Portfolio**

JAVASCRIPT, HTML, TAILWINDCSS, REACT.JS

Jan. 2024 - Present

- · Designed and developed a personal portfolio website to showcase professional work and academic projects.
- Highlighted skills in software development, web development, and computer science.
- Built with a focus on clean UI/UX, responsiveness, and accessibility.
- · Demonstrated proficiency in modern web technologies and best practices.

### **Capstone Project • Gemini**

Columbia, SC

GODOT, GDSCRIPT, TILED, GIT

Aug. 2024 - May 2025

- Developed Gemini, an innovative 2D platformer using Godot 4, as part of my Senior Capstone Project.
- Features unique gravity manipulation mechanics, allowing players to transition between normal and inverted gravity states.
- Built by students at the University of South Carolina using modern game development practices, including unit testing and version control.

## **Interactive Todo Application**

REACT.JS, VITE, FANTACSS, JAVASCRIPT

Jan. 2025 - Jan. 2025

- Developed a modern task management application using React.js and Vite, demonstrating proficiency in frontend development.
   Implemented a responsive user interface with FantaCSS, featuring dynamic task creation, completion tracking, and deletion.
- Utilized React hooks and state management for efficient data handling and component lifecycle management.