

Dion Humphrey

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EDUCATION

University of Georgia

Bachelor of Science in Computer Science, Minor in Applied Data Science

Athens, GA

Aug. 2022 – Aug. 2024

Georgia Southern University

Attended

Statesboro, GA

Aug. 2020 – May 2022

EXPERIENCE

Volunteer at Founder's Memorial Garden

University of Georgia

Aug. 2022 – Dec. 2022

Athens, GA

- Collaborated with team members to complete tasks efficiently.
- Effectively balanced volunteer work with academic commitments
- Assisted in garden maintenance, including weeding, pruning, and watering, contributing to garden aesthetics and health.
- Demonstrated attention to detail in dead branch removal and leaf cleanup.

PROJECTS

Tactical Emblem Hub | *Python, Flask, SQLite, SQLAlchemy, Git*

May 2024 – Present

- Developed a website for managing Fire Emblem characters, teams, and strategies using Python and Flask, with version control managed through Git.
- Designed and implemented database schema using SQLAlchemy to store character information, stats, and team compositions.
- Created frontend interface with HTML, CSS, and JavaScript for users to interact with the application

Bookit - E-Cinema Booking Site | *React, CSS, MySQL, Java SpringBoot, Git, Agile, Scrum* Aug. 2023 – Dec. 2023

- Worked in a group of 5 to build a E-Cinema Booking Site using React Framework, Java Spring Boot, and MySQL
- Designed and engineered interactive, inclusive, and dynamic web interfaces utilizing React.js, enhancing the user experience for effortless site exploration.
- Implemented API calls for features such as retrieving movie trailers, accessing external databases for movie information, etc.
- Utilized Scrum as a development methodology, conducted sprints every few weeks and broke larger epics into user stories

Library Management System | *Java, Java Swing, MySQL, Git*

May 2023 – July 2023

- Developed an efficient Library Management System in Java utilizing Java Swing for the frontend and MySQL for database management.
- Crafted an intuitive user interface, prioritizing usability and accessibility to enhance the overall user experience.
- Designed and implemented a robust database architecture with the use of MySQL

DCC - Movie Review Website | *React, CSS, MongoDB, Express.js, Node.js, Git*

April 2023 – May 2023

- Contributed to a team of three in building a MERN stack CRUD project.
- Developed user-friendly web interfaces with React.js for seamless navigation.
- Designed and implemented database schemas using Mongoose for MongoDB, optimizing data storage and retrieval
- Implemented backend API endpoints using Express.js, enabling communication between the frontend and the database.

TECHNICAL SKILLS

Languages: Java, Python, C, C++, SQL (MySQL, SQLite), JavaScript, HTML, CSS, Matlab

Frameworks: Flask, Express.js

Developer Tools: Git, Docker, Google Cloud Platform, VS Code, PyCharm, Eclipse, Amazon Web Services, Hadoop, MongoDB (NoSQL), Figma, Postman, Matlab, REST web services

Libraries: React, Node.js, Pandas, NumPy, Matplotlib, Scikit-learn, Java SpringBoot, Java Swing, SQLAlchemy