MESSIAH 'SIAH' THOMAS

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EDUCATION

College of Charleston | B.A. in Computer Science, Data Science Minor   May 2024
- **Relevant Coursework***:* Computer Programming I and II, Computer Organization and Assembly Language Programming, Data Structures and Algorithms, Operating Systems 1, User Interface Development, Software Architecture Security and Testing, Software Engineering, Programming Language Concepts, Computer and Network Security, Software Engineer Capstone, Introduction to Data Science, Dataset Organization and Management Discrete Structure 1 and 2, Statistical Methods 1 and 2
- **Leadership:** Data Science Club President, Computer Science Department Student Ambassador

TECHNICAL PROJECTS

ChRIS in a Box | HTML, JavaScript, Firebase, VSCode IDE | GitHub   January 2024 - April 2024
- Contributed to the development of an edge device provisioning platform for ChRIS, an open-source framework for medical analytics application development using cloud technologies, in collaboration with Red Hat.
- Worked in an agile environment, primarily focusing on backend development, creating, and troubleshooting the Firestore database via Firebase, and connecting the frontend to the backend.
- Served as scrum master during several sprints, led sprint review meetings with clients, and conducted daily wrap-up meetings.

Find my Roomie | JavaScript, HTML, CSS, Firebase, VSCode IDE | GitHub   August 2023 - December 2023
- Helped develop a web application that facilitates and makes the roommate search process 67% faster, by using data analysis and matching algorithms to suggest compatible roommates based on various criteria.
- Focused on backend development, displaying data to the UI, connecting the frontend to the backend, and ensuring the application's functionality.
- Assisted in documentation, including creating the System Architecture Document (SAD), Software Test Plan (STP), and feasibility report.

Go-Go Shipment Project (Project 5) | Java, BlueJ IDE | GitHub   August 2022 - December 2022
- Developed an application to automate shipment reporting, reducing the time required by 90%, by utilizing a Shipment MailCoach entity class to print reports based on weight and volume limitations.
- Retrieved data from the 'week1.txt' file to create an ArrayList to print a report of all outgoing shipments.

EXPERIENCE

Data Analyst Intern at Bear Cognition   September 2023 - March 2024
- Assisted, and collaborated with the Analytics Team Leads, in the creation and customization of applications and wireframes using Tableau and Figma to support a variety of company data analytics and reporting.
- Contributed to the expansion of the current dashboard library and developed new applications based on specific client requests, enhancing data visualization capabilities.
- Worked with cloud and SQL querying technologies, including, Fivetran and Snowflake.

2022 International Collegiate Programming Contest   February 2023
- Competed in a global programming competition that challenges teams of three to solve complex algorithmic problems within a limited time frame.
- Developed efficient solutions using Java and Python by applying advanced data structures, algorithms, and problem-solving techniques to optimize solution performance.

SKILLS

Languages   Java, SQL, JavaScript, HTML5, CSS, Python, C, Kotlin, XML
Other Skills   ReactJS, BootstrapJS, REST API, Patternfly, Firebase, Git, Tableau, Linux