

MESSIAH 'SIAH' THOMAS

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EDUCATION

College of Charleston | B.A. in Computer Science, Data Science Minor May 2024

- Some Classes Taken: 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
- Data Science Club President, Computer Science Department Student Ambassador

TECHNICAL PROJECTS

ChRIS in a Box: HTML, JavaScript, Firebase, VSCode IDE [GitHub](#)

- Contributed to creating an edge device provisioning platform for ChRIS, an open-source framework for medical analytics application development using cloud technologies, alongside the company Red Hat.
- Worked in agile, primarily in the backend development by creating and troubleshooting the database, created in Firestore via Firebase, and connected the frontend to the backend.
- Took on the role of scrum master during some sprints and led sprint review meetings with clients, while also conducting daily wrap-up meetings.

Find my Roomie: JavaScript, HTML, CSS, Firebase, VSCode IDE [GitHub](#)

- Contributed to creating a web application that facilitates the roommate search process by leveraging data analysis and matching algorithms to suggest compatible roommates based on various criteria.
- Worked primarily in the backend by displaying the data to the UI, connecting the frontend to the backend, and making the application functional for users.
- Assisted in the documentation by creating various documents including the SAD, STP, and feasibility report.

Go-Go Shipment Project (Project 5): Java, BlueJ IDE [GitHub](#)

- Created an application that used a Shipment MailCoach entity class to print a report that contained a list of all outgoing shipments 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, Django, Patternfly, Firebase, Git, Linux, Tableau