

Fieraol Shiferaw

Silver Spring, MD | 301-275-8973 | fierashiferaw@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Software Engineer

Well versed in a multitude of full stack application development technologies and programs. Skilled in problem-solving and critical thinking, as well as collaboration, leadership, and adaptability.

EDUCATION

University of Maryland Bachelor's in Computer and Information Science	College Park, Maryland 08/2020 - 05/2024
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Related Coursework: Object-Oriented Programming I & II (**Java & Python**), Introduction to Computer Systems (**C**), Database Design and Modeling (**MySQL**), Dynamic Web Applications (**JavaScript, HTML, & CSS**), Data Sources and Manipulation (**Python, SQL, Pandas, Numpy, & Jupyter Notebook**)

TECHNICAL SKILLS

Java, C, Javascript, React.js, Node.js, NestJS, Angular, Typescript, RESTful, Python, Flask, Snowflake, Celery, PostgreSQL, MySQL, DynamoDB, Git, HTML, CSS

TECHNICAL PROJECTS

Portfolio - Website GitHub Fully responsive Portfolio Website using Vite and React.js with a contact form at the bottom using Formspree . <ul style="list-style-type: none">• Node.js runtime environment and utilizes JSX• Website deployed using Netlify	01/2025
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NBA Teams WebApp - GitHub Designed and developed a web application in JavaScript, HTML, and CSS which creates a visualization of the NBA standings. <ul style="list-style-type: none">• Fetches data from an open API (found on Rapid API)• Uses JavaScript library Chart.js to create a bar chart of each team's number of wins• Able to filter through the teams with the use of a search bar, updating the Chart.js visualization	10/2023 - 12/2023
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Library Database - GitHub Created a database of books using MySQL <ul style="list-style-type: none">• Separate tables for different components (10 total tables) such as genres, authors, book type, etc.• Created a list of queries to call on different items (using joins)	03/2023 - 05/2023
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Clear Cell Game - GitHub A game where the objective is to maximize the colored cells cleared from the board. <ul style="list-style-type: none">• Java based game with a user interface• Uses recursive methods	03/2021
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EXPERIENCE

Almartha IT Consulting Inc. Software Engineer Integration <ul style="list-style-type: none">• Lead software integration projects for data migration, API integration (RESTful), and Service-Oriented Architecture, ensuring seamless connectivity between IT systems.• Develop features of software products using React.js, Node.js, DynamoDB and PostgreSQL• Test products using Unit Tests, E2E Tests, and Integration tests (using Karma, Jest, and Cypress).• Collaborate with clients to understand their technology needs and challenges, providing tailored solutions for successful software implementation.	Silver Spring, Maryland 06/2024 - Present
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A Game of Rooms Tech Intern <ul style="list-style-type: none">• Worked with Arduino Uno to create devices for escape rooms• Used a combination of software (C++) and hardware (circuitry & soldering) to make interactive mechanisms	North Bethesda, Maryland 08/2019 - 01/2020
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LEADERSHIP

Sunday School Teacher DSK Mariam Ethiopian Orthodox Tewahedo Church <ul style="list-style-type: none">• Teach a community of young kids at my church Bible Study• Organize lessons with a group of teachers	Washington DC 06/2018 - Present
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