

Rita Aziz

✉ ritaaziz2004@icloud.com ☎ 571-244-3715 📍 Chantilly, VA 🌐 <https://www.linkedin.com/in/rita-aziz-293103255>

🐙 <https://github.com/ritaazizz> 🌐 Personal Website: <https://ritaazizz.github.io/Landing-Page/>

Education

George Mason University, *Computer Science, B.S.*

08/2022 – present
Fairfax, VA

- Dean's List
- Good Standing
- Mason Distinction Scholarship Recipient
- GPA: 3.68/4.00

Relevant Coursework: Object-oriented Programming, Low-Level Programming, Discrete Mathematics, Probability and Statistics for Engineers and Scientists, Data Structures, Formal Methods and Models

Professional Experience

Software Engineering Fellow, *Headstarter AI*

07/2024 – present
Remote

- Created and launched 5+ advanced AI applications and APIs utilizing NextJS and OpenAI
- Contributed with a team of 4 engineering fellows through the complete software development lifecycle
- Received mentorship and training from engineers at Amazon, Bloomberg, and Capital One on Agile methodologies, CI/CD practices, and Git version control enhancing team productivity and project quality
- Implemented cutting-edge solutions to complex challenges, optimizing application performance and user experience

Projects

AI Chat Bot, *Javascript, OpenAI, NextJS*

08/2024

- Created an AI-powered customer support system using **Javascript** to assist users with common queries and issues
- Developed a chatbot using **OpenAI's** language model to handle customer inquiries
- Built the front-end using **NextJS** to ensure fast performance and efficient server-side rendering
- Integrated APIs to enhance functionality and provide real-time support to users

Order Management System, *C | George Mason University | Fall 2023*

11/2023

- Developed a **C program** to implement a comprehensive order management system, enabling efficient management of store orders, including the ability to add, delete, display, and modify orders
- Designed a user-friendly, menu-driven interface to facilitate seamless user interaction and execute functions based on user input
- Implemented robust functionality to manage customer information, order items, and overall order tracking within the system
- Utilized a linked list data structure to optimize the storage and management of orders and associated items, ensuring efficient processing and scalability

Matrix Game, *Java | George Mason University | Spring 2023*

04/2023

- Developed a **Java** program for a matrix-based game focused on identifying the optimal route through a series of blocks
- Employed ArrayList to efficiently manage and store the sequences that constitute the most advantageous paths
- Leveraged recursion and block assessment techniques to systematically identify the optimal path
- Engineered the game to support various block types (e.g., Passage, Obstacle) and dynamically compute the total score for each potential route

Dating Profile Matcher and Analyzer, *Python | George Mason University | Fall 2022*

11/2022

- Created a **Python**-based data analysis tool to optimize matchmaking by evaluating compatibility and dating histories
- Analyzed and processed data for dating profiles, enhancing the accuracy of match predictions
- Conducted thorough evaluations of compatibility scores and profile attributes to identify ideal matches
- Incorporated historical dating data to offer a comprehensive analysis of each profile
- Provided tailored match recommendations through advanced data analysis of compatibility metrics and dating history

Technical Skills

Programming Languages: Python, Java, C, HTML, CSS, Javascript

Technologies: OpenAI, NextJS, NodeJS, ReactJS, Firebase

Software Tools: Excel, Outlook, PowerPoint, Teams, Word

Operating Systems: Linux, Unix, Windows, MacOS

Certificates: HTML for Programmers (LinkedIn), CSS for Programmers (LinkedIn), AT&T 2024 Technology Academy