

Isa Alsafwah

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EDUCATION

Boston University

Bachelor of Arts in Computer Science

Boston, MA

GPA: 3.70, Sep. 2022 – May 2025

- Software Engineering
- Operating Systems
- Combinatoric Structures
- Linear Algebra
- Probability in Computing
- DSA and Object Oriented Programming in Java

Rhodes College

Bachelor of Science in Computer Science

Memphis, TN

GPA: 3.86, Aug. 2021 – May 2022

- Programming Fundamentals in Python

EXPERIENCE

Research Frontend Developer

Platform Governance Lab, BU

May 2024-ongoing

- Designed and developed a Human vs. Human marketplace on the Empirica platform, incorporating multi-user games to simulate warranted markets for producers and consumers.
- Utilized React and TailwindCSS to create a responsive and intuitive UI, translating Figma designs into a fully functional frontend.

PROJECTS

MeowPlay | *Javascript, Express, NodeJS, MongoDB*

Full-stack Developer, Sep 2023

- Developed a full-stack e-commerce website for selling cat products.
- Implemented core e-commerce functionalities including product listings, shopping cart, and secure checkout processes.
- Integrated OAuth for secure user authentication, enhancing security of customer accounts and personal information.
- Designed and managed a MongoDB database for efficient product and order management.
- Utilized NodeJS and Express for server-side logic, ensuring robust backend functionality.

Nutrisistant | *Javascript, Express, NodeJS, MongoDB*

Backend Developer, Dec 2023

- Designed and implemented a RESTful API for a nutritional assistance application using Express and NodeJS.
- Implemented integration with external APIs (CalorieNinjas and Spoonacular) for dynamic data fetching and processing.
- Implemented functionality for storing and retrieving user search history using MongoDB, enhancing user experience by personalizing content delivery.
- Ensured efficient data exchange between backend and frontend, optimizing application performance and user interaction.

Portfolio Website | *HTML, CSS, Javascript*

Front-end Developer

- Developed and designed a Portfolio website using HTML, CSS, and Javascript.
- Implemented a responsive design ensuring optimal viewing experience across various devices and screen sizes.

TECHNICAL SKILLS

Programming: Python, Java, C, Bash, JavaScript, Assembly, HTML/CSS

Developer Tools: React, TailwindCSS, ExpressJS, NodeJS, EJS, MongoDB, Bootstrap, Bulma, Railway, Git/Github, NumPy, Figma, Empirica

Languages: English, Arabic, Spanish