

Arsal Jafri

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EDUCATION

University of Houston | *Bachelors of Science in CS* **2026**

- Cumulative GPA: 3.97
- Relevant Coursework: Intro to Programming with C++ and Python, Computer Architecture and Organization, and Data Structures.

EXPERIENCE

True Power **June 2022 – July 2022**
Operational Analyst **Houston, Texas**

- Managed over **1000** accounts and increased companies efficiency by **10%**.
- Worked with a small team to increase workflow and software operations to meet client requirements and ensure efficient service delivery.

SKILLS

Language: C++, C#, Python, HTML, CSS, JavaScript, and SQL.

Tools: Unity, Git, PowerBI, Vercel, Netlify, MySQL, Vite, Azure, Render and LaTeX.

Frameworks/Libraries: MongoDB, ReactJS, NodeJS, ExpressJS, NumPy, and KaboomJS.

PROJECTS

Recipe Management App **2023**

- Developed a full-stack Recipe Management Application using React for the frontend and Node.js with Express for the backend. This application allows users to create, manage, and save recipes, providing a seamless experience for recipe management..
- The application is optimized to handle up to 1,000 recipes, with average API response times of under 300ms, ensuring a smooth and responsive user experience. It supports up to 100 concurrent users, maintaining performance without significant degradation.
- The application features user authentication, recipe creation, and management functionalities, providing a comprehensive solution for recipe enthusiasts.

Random Image Subtitle Application **2024**

- Developed a web application using JavaScript and ReactJS that allows users to add customizable subtitles to meme images. This project features a dynamic interface where users can input text for both the top and bottom of the images.
- Implemented a functionality that randomly displays images from a dataset, providing an engaging user experience. The application's responsive design ensures optimal performance across various devices.

Automated URL Opener **2024**

- Developed an Automated URL script with Python to streamline accessing multiple pre-defined URLs based on user input. The script allows users to choose from different sets of URLs, such as for school, work, or personal use, using command-line arguments or interactive prompts.

- It features dynamic URL management, robust error handling, and logging capabilities to ensure reliable operation and facilitate troubleshooting. Designed for compatibility with Windows systems, the tool integrates seamlessly with local environment configurations.