

Rishi Raj

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EDUCATION

Georgia State University

Atlanta, GA

Pursuing a Bachelor's in Computer Science

Aug. 2023 – May 2026

- Major GPA: 3.9
- Relevant Coursework: Data Structures (CS 2510), System Level Programming (CS 3320), Software Development (CS 3350)

PROJECTS

Stock Market Tracker | *Python*

February 2025 – April 2025

- * Designed and implemented a desktop application to analyze and visualize real-time and historical stock market data using Alpha Vantage API and Pandas.
- * Developed a dynamic **Tkinter-based GUI** with user-selectable stock symbols, intervals, and indicators such as SMA, EMA, and RSI.
- * Integrated candlestick charting with mplfinance, real-time quotes, and technical analysis overlays.

Employee Management System | *Java, MySQL*

February 2025 – May 2025

- * Developed a desktop application for HR administration with secure login functionality for both employees and admins.
- * Implemented full CRUD operations including **adding new employees, updating salaries, and generating dynamic payroll reports**.
- * Designed responsive GUI using JavaFX and FXML, enabling real-time data display via TableView and report generation with ListView.
- * Integrated MySQL database access via JDBC, using **prepared statements** to prevent SQL injection and ensure safe query execution.

Healthier Alternative for Fast Food Chains | *Python*

June 2024 – July 2024

- * Designed and implemented the user interface for selecting fast food chains and menu items.
- * Utilized CSV file handling to store and retrieve nutritional information for various menu items.
- * Developed algorithms to suggest healthier alternatives based on the selected fast food items.
- * Implemented functionality to calculate and display the user's total caloric intake.

EXPERIENCE

Dutch Monkey Doughnuts

Aug. 2022 – March 2025

Barista

- * Trained new baristas on drink preparation, customer service, and company policies and procedures.
- * Lead Barista, taking orders and making high-quality specialty coffee beverages.
- * Provided exceptional customer service by greeting customers, taking orders, and answering questions about menu items

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, CSS, HTML, C, C++, R, SQL

Developer Tools: VS Code, Eclipse, GitHub, DBBeaver

Libraries: Tkinter, Pandas, NumPy, Matplotlib

Certifications: AZ-900 Azure Fundamentals, Career Essentials in Data Analysis by Microsoft and LinkedIn