Rayhaan Mohamed

US Citizen | rayhaan03m@gmail.com | (678)-462-7159 | http://www.linkedin.com/in/rayh4an | https://rayh4an.github.io/

EDUCATION

Georgia State University — **Atlanta, Georgia**
B.S. in Computer Science — *Graduated May 2025*

- o **GPA:** 3.80/4.00, President's List & Dean's List
- o **Related Coursework:** Data Structures, Software Engineering & Development, Machine Learning, Design & Analysis of Algorithms, Operating Systems, Computer Organization & Programming, Mobile App Development, Web Programming, System-Level Programming, Probability & Statistics for Computer Science

EXPERIENCE

CirrusLabs — **Alpharetta, Georgia**
Software Engineering Intern — *May 2025 – Aug 2025*

- Designed the frontend of a full-stack CRM web application, enabling seamless translation of Figma prototypes into React components with Django REST APIs through detailed specifications and collaboration with developers.
- Collaborated with developers using GitHub for version control, streamlining code reviews, managing pull requests, and ensuring efficient integration of frontend designs with backend APIs.
- Built a voice-enabled deal creation feature, making CRM deal registration accessible and efficient through hands-free natural language input, by integrating Google Speech-to-Text with GPT-4 NLP.
- Designed responsive and user-friendly interfaces, improving usability across core CRM modules (Contacts, Companies, Deals), by creating consistent layouts and intuitive workflows in Figma.
- Created and iterated high-fidelity prototypes, enhancing navigation and data management workflows for business dashboards by incorporating stakeholder feedback and refining user flows.

PROJECTS

Weather App   https://github.com/rayh4an/Weather_App   **Atlanta, Georgia**
Team Lead — *April 2025 – May 2025*

- Designed and developed a Weather App in Dart with global city search, location detection, and real-time updates by integrating the OpenWeatherMap API to provide 24-hour & 7-day forecasts, radar/temperature heat map overlays.
- Built a community tab enabling user interaction through live weather discussions and custom postcard creation.
- Added personalization features including theme customization, temperature unit switching (°C/°F), and user-defined alerts for weather conditions.

Recipe & Meal Planner App   https://github.com/rayh4an/Recipe_Meal_Planner_App   **Atlanta, Georgia**
Team Lead — *March 2025*

- Developed a mobile application in Dart that offers a diverse selection of recipes from numerous cuisines, enabling users to explore, favorite, and manage their meals.
- Implemented a favorites system using SQLite to persistently store user-selected recipes across sessions.
- Built a grocery list tool for adding and removing ingredients to support meal planning and shopping organization.
- Integrated functionality to create, edit, and delete custom recipes, with all data stored locally using SQLite.

Multi-Threaded Web Crawler   https://github.com/rayh4an/Multi-Threaded-Web-Crawler   **Atlanta, Georgia**
Team Lead — *Feb 2024 – April 2024*

- Engineered a scalable Java-based web crawler to extract and parse URLs and webpage content concurrently, using multithreading to maximize performance.
- Utilized the Jsoup library to connect to web pages, parse HTML content, and extract metadata/hyperlinks efficiently.
- Implemented a thread pool system to manage crawl depth and prevent duplicate URL visits, improving crawl speed and resource utilization.
- Developed configurable thread count and crawl limits to enhance flexibility and control over crawling performance.

SKILLS

Certifications: Oracle Java Foundations - *Exam 1Z0-811* — *Sept 2024*
Programming: Java, Python, JavaScript, SQL, React.js, Django, C, Dart, HTML/CSS, PHP, TypeScript, Assembly
Tools: Visual Studio Code, Eclipse, Android Studio, Git, Jupyter Notebooks, Microsoft Excel, PuTTY, Dbeaver, Figma