

# Ricardo Brutus

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Brockton, MA 02302 • ricardobratus.rb@gmail.com • 774-381-2946 • [www.ricardobratus.com](http://www.ricardobratus.com)

## Education

### University of Massachusetts Boston

B.S - Computer Science, GPA: 3.4/4.0

Relevant Coursework: Computer Architecture & Organization, Data Structures and Algorithms, Systems Programming Skills

**Languages:** Python, Java, JavaScript, C, C++, Swift

**Frameworks & Tools:** React, Flask, SwiftUI, HTML/CSS, Git, Docker, Firebase, AWS

**APIs & Concepts:** REST APIs, AI/LLM APIs

Boston, MA

May, 2026

## Experience

### CustomersAI

Boston, MA

#### Software Engineer intern

June. 2025– Aug. 2025

- Collaborated with a small engineering team to enhance AI-driven marketing automation tools for the Customers.ai web platform.
- Developed features integrating AI chat and lead-generation APIs to improve customer response time and engagement analytics.
- Built and tested RESTful API endpoints that processed user behavior data for campaign personalization.
- Assisted in refining the front-end dashboard using React and modern UI frameworks to visualize AI-generated insights.
- Participated in code reviews, documentation updates, and deployment pipelines for production updates.

### HackUMass

Amherst, MA

#### Software Engineering Participant

Nov. 2024– Nov. 2024

- Designed and deployed a student productivity web app with deadline tracking and AI-powered reminders, recognized in the “Best Student Productivity Tool” category.
- Built a React frontend and Flask backend with Google Calendar API integration for real-time scheduling.
- Implemented a lightweight recommendation engine using Python and NLP libraries for personalized study reminders.
- Collaborated in a team of 4 developers with Agile practices (standups, Git workflows, peer reviews) to deliver a functional MVP in under 24 hours.

## Projects

### LDR Companion App

#### Swift, SwiftUI, CoreData

- Built an iOS app enabling shared calendars, reminders, and mood updates for long-distance couples.
- Designed a SwiftUI interface and implemented local data persistence with CoreData.
- Added notification scheduling and explored cloud sync for cross-device support.

### What Should We Eat?

#### Swift, SwiftUI, Firebase

- Built an iOS app with SwiftUI and Firebase that enables users to create shared rooms and vote in real time on nearby restaurant options retrieved from the Google Places API.

### Personal Portfolio Website

#### React, JavaScript, Tailwind CSS, Vite, Framer Motion, Vercel

- Built and deployed a responsive portfolio website showcasing projects and technical skills.
- Implemented interactive UI components and client-side routing with React Router.
- Deployed and maintained the site on Vercel with GitHub version control.
- Integrated a contact form with backend email handling for user inquiries.