Ryan Montoyo

646-500-2135 | ryanmontoyo2003@gmail.com | montoyo.dev | linkedin.com/in/ryan-montoyo | github.com/ryan-montoyo

EDUCATION

CUNY Hunter College — New York, NY
Bachelor of Arts in Computer Science, 3.42 GPA — *Aug. 2022 – May 2025*

Relevant Courses: Data Structures and Algorithms; Software Analysis and Design I, II, and III (C++), Discrete Structures, Operating Systems, Computer Theory, Computer Architecture I and II, Intro to Computer Science (Python)

TECHNICAL SKILLS

Languages: Swift/SwiftUI, JavaScript, HTML/CSS/SCSS, Python, C++, SQL (MySQL), TypeScript
Technologies/Frameworks: Flask, ReactJS, Firebase, Bootstrap, Git, Jupyter Notebook
Libraries: pandas, NumPy, Matplotlib, AnimeJS, EmailJS

PROJECTS

Fitting Room App (iOS) | *Swift/SwiftUI, Firebase, CoreML* — June 2024 – Present
- Developing an iOS app that allows users to upload pictures of their clothes to Firebase storage and visualize them on a dummy model using Apple CoreML for image processing.
- Implementing functionality to manage their wardrobe and an interactive outfit generator with randomization and locking capabilities.

To-Do List App (iOS) | *Swift/SwiftUI, Firebase* — June 2024
- Developed a to-do list app with user authentication using Firebase, allowing users to register, log in, and create to-do items with dates and times, storing data securely in Firebase Firestore.

Weather App (iOS) | *Swift/SwiftUI, OpenWeather API* — June 2024
- Developed an iOS weather application using Swift and SwiftUI, integrating the OpenWeather API to fetch real-time weather data based on user location.
- Implemented features to display current temperature, daily high and low temperatures, humidity, and wind speed using Apple's Core Location framework to obtain GPS coordinates.

Portfolio Website | *ReactJS, JavaScript, SCSS, AnimeJS, EmailJS* — May 2024 – June 2024
- Developed an interactive and responsive portfolio with advanced animations (SVG logo drawing, bouncing letters, moving stars, spinning 3D cube) and integrated email functionality for direct communication.

Avengers Careers | *Python, Flask, MySQL, HTML/CSS* — April 2024
- Built a dynamic job portal displaying openings from a MySQL database, with real-time updates for changes in job data and dynamic routing for applications, storing applicant information seamlessly back into the database.

RoosterTunes - Discord Music Bot | *Python, Discord API* — April 2024
- Developed a bot to stream YouTube audio in Discord voice channels, implementing commands for play, pause, resume, and stop, using asyncio for seamless asynchronous operations.

EXPERIENCE

Mastercard Career Readiness Certificate Program — July 2024
Participant — *New York, NY*
- Selected to participate in Mastercard's Career Readiness Certificate Program, focusing on interview preparation and enhancing technical skills.

BASTA Fellowship — Jan. 2024 – Present
Fellow — *New York, NY*
- Selected to participate in a rigorous fellowship career prep program designed to support first-generation college students land a great entry-level position.

Yext Mentorship — Sep. 2023 – Dec. 2023
Mentee — *New York, NY*
- Collaborated closely with seasoned Software Engineers, gaining professional guidance and technical expertise.
- Participated in weekly workshops, fostering meaningful connections and enhancing technical skills.