

## Rhyan Barrows

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### EDUCATION

**CUNY Lehman College** | B.S. Degree in Computer Science | GPA: 3.5 | December 2026

**CUNY Bronx Community College** | A.S. Degree in Computer Science | GPA: 3.5 | June 2022

**Related Coursework:** Data Structures & Algorithms, Python & Java Programming, Linear Algebra, Calculus 1, 2, & 3, Computer Organization, Probability, Cybersecurity

### TECHNICAL SKILLS

**Front End** | React, JavaScript, TypeScript, CSS, Node.JS, Angular.JS

**Back End** | Java, Spring Boot, Python, Flask, PostgreSQL, AWS Lambda, AWS S3, AWS RDS

**Testing/Deployment** | Junit, Pytest, Jasmine, AWS EC2, AWS ECS

**Developer Tools** | Github, Git, Docker, NPM, AWS SageMaker

### WORK EXPERIENCE

**Software Engineer Intern** | NJ TRANSIT | Newark, NJ | June 2025 – August 2025

- Developed an **AI** bus tracking **full stack** app proof of concept using **Python**, **React**, **PostgreSQL**, and **OpenCV** to keep track of **2000+** buses in NJ TRANSIT's fleet.
- Reduced the time it takes for bus drivers and garage managers to locate buses from **10+ minutes** to **near instant**, a **greater than 99%** improvement.
- Projected to Increase profit estimates by over **\$500,000** due to increased profits from increased ridership through improved bus punctuality.

**Software Engineer Intern** | NYC Office of Tech & Innovation | Brooklyn, NY | June 2022 - Aug 2022

- Maintained over **100+** nyc.gov websites utilizing **HTML**, **CSS**, **JavaScript**, & **WordPress**.
- Implemented surveys for **10** community boards using **JavaScript** for over **1,000,000+** residents.
- Updated **20** community board websites daily with traffic, construction, and event information.

**Software Engineer Winter Intern** | Barclays | Whippany, NJ | December 2021 - January 2022

- Implemented a **front end** for Barclays stock traders using **Angular.JS**, **TypeScript**, **CSS**, and **HTML** to view **100+** daily trade statuses.
- Achieved over **90%** coverage using unit test coverage with **Jasmine** to test UI state changes.
- Reduced **front end** load time by **35%** using efficient AngularJS component rendering and lazy loading of trade data.

**Software Engineer Winter Intern** | AccuWeather | New York, NY | December 2020 - January 2021

- Designed a **front end** for the AccuWeather Ready website using **Google JamBoard** & **Figma** with a team of **4** interns for **1.5 billion+** global AccuWeather daily visitors.
- Implemented the website using **HTML**, **CSS**, & **JavaScript** to keep track of extreme weather events in all **50 states** in the United States.

### PROJECTS

**[BeastMode.ai](#)** | Java Spring Boot, React, PostgreSQL, JUnit, AWS (S3, Lambda, RDS, ECS, SageMaker)

- Engineered a full-stack platform enabling users to select from existing exercises and upload custom ones to build and track workouts and track performance over time. The platform also has a video upload pipeline where users can upload form videos for critique from an AI model.

**[Lamborghini Website](#)** | Python (Flask), JavaScript, PostgreSQL, HTML, CSS

- Created a full-stack website that allows users to customize a vehicle and order it. The order is saved in a database for tracking and detail integrity.

### LEADERSHIP & ORGANIZATIONS

**ColorStack** | Student Fellow

**CodePath** | Student in Technical Interview Preparation (101 and 102), Android and Web development

**Basta** | Student Fellow

**CUNY Tech Prep** | Cohort 10 Member