

# Emmanuel Ruiz

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## EDUCATION

### Hunter College

*BS in Computer Science*

**New York, NY**

*June 2027*

### Borough of Manhattan Community College

*AS in Computer Science*

**New York, NY**

*June 2025*

- GPA: 3.55

- Relevant Coursework: Discrete Structures and Applications to Computer Science, Advanced Programming Techniques, Web Programming I, Data Structures, Telecommunication Networks I, Software Development

### The Marcy Lab School

*Web Development*

**Brooklyn, NY**

*March 2023*

- Completed 2,000 hours of coursework in web development, Data Structures, CS fundamentals, and leadership development.
- Developed proficiency in HTML/CSS, JavaScript, Python, NodeJS, ReactJS, SQL, and AWS.

### The City College of New York

*Computer Engineering*

**New York, NY**

*August 2020 - December 2021*

- Relevant Coursework: Calculus II & Intro to Multivariable Functions.

## PROFESSIONAL EXPERIENCE

### Weight Watchers

*Software Engineer Intern*

**New York, NY**

*June - August 2023*

- Redesigned and debugged the feature flagging system using Node.js and Postman, enabling dynamic rollouts and reducing deployment time across foreign markets.
- Created a Node.js API endpoint to retrieve in-person check-in history, enabling 100+ coaches to access complete user attendance records and enhance workshop feedback loops.

### Weight Watchers

*Software Engineer Intern*

**New York, NY**

*January - April 2023*

- Supported the frontend design team in creating reusable React components to support the mobile website redesign across 3+ core pages.
- Refactored the 'My Day' web page used by 4 million subscribers using Figma designs to align with mobile UX, enhancing UI consistency across 3 core platforms and reducing QA review turnaround.

## LEADERSHIP EXPERIENCE

### Borough of Manhattan Community College

*Research Intern*

**New York, NY**

*March - August 2024*

- Engineered a facial tracking web application based on iterative research studies using React.js and a dataset of facial data designed to teach and improve emotional intelligence in the 17% of children diagnosed with Autism.
- Operated Landmarker software to capture and label facial data from 300+ isometric images, enhancing model accuracy and improving emotional pattern detection for behavioral researchers.

## SOFTWARE PROJECTS

### Echo Cache

*Github*

**New York, NY**

*August 2025*

- Designed a web application for sending time and location-locked messages, using React and browser geolocation, helping users preserve memories and foster meaningful connections.
- Integrated photo and video bucket storage using AWS S3 and Node.js to deliver reliable, secure, and fast file serving, reducing load on our server and documenting for reproducibility.

## SKILLS & INTERESTS

**Skills:** CSS, HTML5, Bootstrap, React.js, JavaScript, Node.js, C++, Python, Express.js, PostgreSQL, JWT, Bcrypt, UNIX, QT Creator, OOP, Git, TypeScript, Unit Testing (Jest), Scrum, REST API, AWS S3