Emmanuel Ruiz

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EDUCATION

Borough of Manhattan Community College   **New York, NY**
Computer Science   *February 2024 - June 2025*
- GPA: 3.43
- Relevant Coursework: Introduction to Programming, Discrete Structures and Applications to Computer Science, Advanced Programming Techniques, Web Programming I
- Current Coursework: Fundamentals of Comp Systems, Data Structures, Telecommunication Networks I, Software Development

The Marcy Lab School   **Brooklyn, NY**
Web Development   *March 2022 - 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   **New York, NY**
Computer Engineering   *August - December 2021*
- Relevant Coursework: Calculus II & Intro to Multivariable Functions.

WORK EXPERIENCE

Weight Watchers   **New York, NY**
Software Engineer Intern   *June - August 2023*
- Revamped existing Feature Flagging project dedicated to activating/deactivating features based on user conditions, using Node.js and Postman to repair, test, and maintain API.
- Programmed an API route using Node.js to retrieve in-person user check-in history for the Coach Platform application, adding client workshop data relevant to coach mentoring.

Weight Watchers   **New York, NY**
Software Engineer Intern   *January - April 2023*
- Built reusable web components using React.js and CSS improving development speed and longevity.
- Upgraded the web application's 'My Day' page using updated Figma designs, aligning it with the mobile app's UI, and improving cross-platform QA procedures and user experience.

LEADERSHIP EXPERIENCE

Borough of Manhattan Community College   **New York, NY**
Research Intern   *March - August 2024*
- Engineering a web application based on iterative research studies using React.js and facial recognition to enhance emotional intelligence in children with ASD.
- Operating Landmarker Facial Recognition software to collect isometric data on facial expressions, improving the identification of key emotional features for children with autism.

SOFTWARE PROJECTS

Bugnet   **Brooklyn, NY**
Github   *November 2022*
- Built a ticket management board using HTML, CSS, and Javascript, improving team efficiency during project development.
- Facilitated responsibilities and development between team members using Slack, ensuring work aligned with individual expertise.
- Developed API infrastructure using Knex.js query builder and SQL to create a robust and organized database.

SKILLS & INTERESTS

Skills: CSS3, HTML5, Bootstrap, React.js, JavaScript, Node.js, C++, Python, Express, PostgreSQL, Bcrypt, UNIX, QT Creator, OOP, Git, TypeScript, Unit Testing (Jest, PyTest), Scrum, REST API