

# Josue Minchala

## Software Engineer

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## EDUCATION

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### Queens College

Aug 2024 - Present

Bachelor Of Science, GPA: 3.3

Expected: Dec 2026

**Relevant Coursework:** Calculus 1, Calculus 2, Linear Algebra, Data Structures, OOP In Java & C++, Computer Architecture, Assembly language

## TECHNICAL SKILLS

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**Programming Languages:** Python, JavaScript, Java, HTML/CSS, C++, SQL

**Technologies/Frameworks:** React, Node.JS, MongoDB, FastAPI's, Pandas, Chart.js, Django, PostgreSQL, Git, PyCharm, VS Conde

## PROJECTS

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### NYC 311 Noise Analysis

- Analyzed data from NYC open data api to retrieve most reported noise complaints accross all boroughs
- Created Visualizations for each type of Noise complaint and which borough they are reported in

### LiveLearn AI

- Developed an AI-powered education platform aimed at improving college student retention.
- Built and integrated AI-generated exam features using React.js & API calls for dynamic content.
- Contributed to building and integrating AI-generated exam features into the platform using React.js and structured API calls for dynamic content retrieval.

## EXPERIENCE

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### Microsoft

Manhattan, NY

Software Engineer Mentee

Jul 2024- Aug 2024

- Collaborated with a team of mentees and Microsoft engineers to develop LiveLearn AI, an AI-driven educational platform to improve student retention for Microsofts Mentorship Program.
- Contributed to front-end development, focusing on integrating AI-generated personalized exams and lessons.
- Helped structure and optimize API calls to retrieve AI-generated content dynamically, improving response time and user interaction.

### Unadat

Brooklyn, NY

UI/UX Designer & Developer

Mar 2025 - May 2025

- Designed and prototyped new features in Figma and tracked progress in Jira within a Scrum environment to improve user experience and enhance the Financial Wellness Score interface.
- Led the design of "UNAHouses", a gamified community feature inspired by Discord HypeSquad, to boost user engagement through themed financial personality groups.
- Designed interactive IGM modules and gamified tools for Unadats Financial Wellness course, aimed at increasing financial literacy across NYC schools and intended to reach over 1 million students.

## LEADERSHIP AND PROFESSIONAL DEVELOPMENT

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### Management Leadership For Tomorrow

Washington, DC

Fellow

Feb 2025- Present

- Engaged in workshops and networking events, gaining insights into software engineering and technology trends while fostering connections with industry leaders.
- Honed professional, technical, and leadership skills through workshops, mock interviews, and technical challenges.