

# Ezria Joe

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## TECHNICAL SKILLS

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**Languages:** Python, C++, SQL, R  
**Libraries:** Pandas, NumPy, Matplotlib, Jupyter Notebooks  
**Developer Tools:** Github, VS Code, AWS  
**Web Development:** HTML, CSS, Bootstrap, React

## EDUCATION

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**Baruch College, City University of New York** **New York City, NY**  
**Bachelor of Arts in Mathematics, Minor in Spanish** **December 2025**

**Relevant Coursework:** Algorithms I & II, Data Structures & Algorithms, Discrete Mathematics, Differential Equations, Linear Algebra, Mathematical Analysis, Probability & Statistics, Calculus I–III

## EXPERIENCE

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**Software Developer** **May 2025 - Present**  
*CUNY Tutor Corps* *New York City, NY*

- Designed and implemented a diagnostic platform to identify gaps in students' math fundamentals for Regents exam prep
- Integrated assessments with tutoring strategies to improve student outcomes
- Applied data-driven insights to support individualized instruction

**Data Science Fellow** **May 2025 - Present**  
*CUNY Tech Prep*

- Selected for a competitive data science fellowship with students from across the 11 CUNY senior colleges where fellows create technical projects, using tools such as Python 3, Jupyter Notebook, Pandas, Numpy, Scikit-learn, and SQL
- Participated in weekly courses and learned industry best practices for exploratory data analysis (EDA), feature engineering, data collection and processing, statistical modeling, data visualization, machine learning techniques, data science processes, and big data

**Teaching Assistant** **Aug 2024 - Present**  
*CUNY Tutor Corps* *New York City, NY*

- Used student performance data to guide lesson planning and improve understanding in algebra and geometry
- Applied basic statistics and logical reasoning to help students build math confidence
- Adjusted teaching strategies based on student needs and learning progress

**Tech Fellow** **Sept 2024 – Nov 2024**  
*CodePath*

- Participated in intensive preparation focusing on data structures, algorithms, and coding challenges.
- Engaged in mock interviews and problem-solving exercises to enhance technical skills.
- Developed proficiency in solving complex problems and coding efficiently under pressure.

**Mathematics Tutor** **Jul 2023 – July 2025**  
*CUNY Baruch College* *New York City, NY*

- Provided one-on-one and group tutoring in calculus, algebra, and geometry
- Helped students improve problem-solving skills and understand key math concepts
- Used data from practice tests and assignments to personalize support and improve academic outcomes

**Customer Service & Sales Lead** **May 2021 – July 2023**  
*Conrad's Bakery* *New York City, NY*

- Analyzed sales activity to identify trends and improve team performance