1+ year of hands-on experience analyzing and managing 10M+ record datasets using Python, SQL and big data tools for quantitative analysis and database querying. Skilled in designing ETL pipelines that improve integrity, automation and efficiency. Passionate about building scalable data transformation workflows and optimizing SQL queries for complex datasets by leveraging AI/ML, schema design and cloud platforms (AWS, Hadoop, Spark) to turn complex information into actionable insights for better decision-making.

Experience

Undergraduate Survey Research Data Analyst — Office of Institutional Effectiveness, NJIT

Research Assistant — Department of Chemicals and Material Engineering, NJIT

Teaching Assistant (Python / Operating Systems) — Ying Wu College of Computing, NJIT

Backend Development Intern — Bonzai Digital

Education

BS — New Jersey Institute of Technology (May 2026)

Skills

Python, Java, Kotlin, TypeScript, Bash, SQL, Pandas, NumPy, Scikit-learn, TensorFlow, Keras, Matplotlib, Seaborn, Dash, Flask, React, Tableau, Power BI, Hadoop, Spark, MongoDB (NoSQL), PostgreSQL, AWS, Git, REST APIs