Nerissa Lundquist

(609) 651-6819 | nerissalundquist@gmail.com | Hoboken, NJ

EDUCATION

Stevens Institute of Technology | Hoboken, NJ   Expected May 2025
Bachelor of Science in Computer Science
GPA: 3.58 / 4.00
Awards: Dean's List, Edwin A. Stevens Scholarship, Presidential Scholarship
Coursework: Deep Learning, Machine Learning: Fundamentals & Applications, Databases, Algorithms, Systems Programming, Data Structures
Activities: Varsity Women's Fencing, Tennis Club Vice President, Stevens Women in Computer Science

SKILLS

Programming Languages: Python, SQL, C, C++, Java, OCaml, R
Software: Google Suite, Microsoft suite, NumPy, pandas, PowerBI, Databricks, Azure Data Factory

WORK EXPERIENCE

SMBC, Jersey City, NJ | IT Intern   June - Present
- Manipulated data using SQL and created PowerBI dashboards to highlight inconsistencies in given data tables.
- Authored SQL queries to manipulate datasets according to given business requirements and create the data pipeline in Azure Data Factory.
- Investigated the current data pipeline to find the source of various null and incorrect values and suggested solutions to fix these values.

UPS, Mahwah, NJ | Information Security Management Intern   June - August 2023
- Organized events for Cybersecurity Awareness Month by contacting speakers and writing articles.
- Designed and posted articles using Adobe Experience Manager about cybersecurity topics such as phishing, enabling MFA, and creating strong passwords.

ACADEMIC PROJECTS

K-means Clustering | Python   April 2023
- Implemented the k-means clustering algorithm using NumPy and pandas to group similar numbers of bikes rented in a day based on data such as the month, temperature, and weather.
- Tested different values of hyperparameters such as numbers of clusters and value of starting centroids to find the most accurate groupings.

RockSat-C | Python   September - June 2024
- Worked on a team of three to design, develop, and test space-proof code on a Raspberry Pi to control a payload performing two experiments in a NASA sounding rocket.
- Worked with vibration sensors to ensure correct connection to the Pi, reading, and storage of data.
- Presented monthly mission updates to NASA personnel.