Naim El Youssoufi

Westfield, NJ - 609 933 6240 - naim.ely@gmail.com - linkedin.com/in/naimely - naim-ely.github.io/portfolio

ABOUT ME

Master's in Computer Science with expertise in data engineering, automation, and software development. Skilled in cloud platforms, ETL processes, and data visualization to deliver actionable insights.

EDUCATION

New Jersey Institute of Technology, NEWARK, NJ
BSc. in Computer Science, Dec 2024
MSc. in Computer Science / Data-Centric Specialization, Dec 2025

CERTIFICATIONS

AWS Certified Cloud Practitioner, 2022
IBM Data Science Certification, 2024

WORK EXPERIENCE

Cloud Platform Engineering Intern
Veolia - Paramus, NJ | June 2025 – August 2025
- Migrated an existing analytics pipeline from AWS to Google Cloud, leveraging BigQuery to improve query performance and scalability, while reducing reporting expenses by 30% through lower infrastructure and licensing cost.
- Integrated Google Cloud Data sources into Looker Studio, enabling richer visualization and adding new automated reports.
- Collaborated with cross-functional teams to identify business requirements, troubleshoot issues, and deliver actionable insights through interactive dashboards.

Tech Stack: AWS, Google Cloud, BigQuery, Looker Studio

Data Engineering Intern

Delsys LLC - Summit, NJ | June 2024 – July 2024
- Built a web scraping tool (Python/BeautifulSoup) to automate daily price tracking across 10+ vendor sites, replacing manual procurement team workflows.
- Implemented a price-tracking database (PostgreSQL) to log historical data, enabling cost trend analysis and negotiation leverage for procurement specialists.
- Automated email alerts (Python/SMTP) to notify the procurement team of price drops below predefined thresholds.

Tech Stack: Python, BeautifulSoup, PostgreSQL

Application Development Intern
Proskauer Rose - New York, NY | June 2023 – July 2023
- Collaborated with senior developers to optimize SQL queries, enhancing database efficiency and response times.
- Conducted in-depth analysis of SQL queries to identify performance bottlenecks, implementing targeted optimizations for improved execution times.
- Optimized SQL queries and indexing strategies, reducing execution time by 50%.

Tech Stack: SQL, MS SQL Server, Power BI

PROJECTS

Influenza Visualizer
Built a mobile-friendly web application to visualize CDC flu data, including vaccination locations, coverage, and hospitalization rates. Managed the project end-to-end, delivering a functional system with a focus on data visualization and user experience.

Tech Stack: HTML, JavaScript, ColdFusion, MS SQL, AWS

Data Pipeline Project
Built an automated ETL pipeline to ingest NBA API data (player stats, game logs) into a MySQL database, powering Power BI dashboards for performance analytics..

Tech Stack: Python, MySQL, REST API, Power BI.

SKILLS

Programming Languages: Python, R, C, C++, Java, Bash, JavaScript, HTML/CSS, PHP

Databases: GraphQL, MySQL, PostgreSQL, MS SQL Server

Platforms and Technologies: AWS, PowerBI, Google Cloud, Looker Studio, Git, Docker, Pandas, TensorFlow, NumPy, scikit-learn

Soft skills: Collaboration and teamwork, Analytical and structured, Problem solving, Learning agility