

Peter Luro
West Hartford, CT 06119

✉ peter.luro1@gmail.com | ☎ (978) 621-9450

OBJECTIVE

Seeking a Data Engineering role where I can apply my expertise in data management and analytics to deliver actionable insights, build scalable solutions, and support data-driven decision-making.

EDUCATION

Bachelor of Science in Computer Science
Worcester Polytechnic Institute (WPI)

2019

WORK EXPERIENCE & PROJECTS

- **Software Engineer, Talcott Resolution, Hartford CT** *June 2023 - Present*
 - Engineered end-to-end ETL pipelines to automate nightly hedging operations by orchestrating AutoSys-scheduled NFS file ingestion into Oracle and triggering Azure Batch tier runs, ensuring timely, reliable delivery of financial data for actuarial modeling and risk assessment.
 - Reporting Migration: Migrated Excel-based reports to CI/CD SQL pipelines.
 - Web Platform: Created full-stack tool for trade and settlement entry.
 - AI Research: Led AI and innovation research for Power BI reporting. Presented POC & proposals to the CIO, Head of Infrastructure, & executives at Talcott Resolution.
 - Completed an efficient reusable Python system to determine data discrepancies in financial data assets. Reported results to assess data providers on their limitations.
- **Software Engineer, Optum TDP, Boston MA** *2020 - 2023*
 - Wrote Python ETL pipelines to prepare WAV audio data for Azure ML ASR model training.
 - Led team strategy for optimal ASR audio segmentation used for model training.
 - Automated Jenkins jobs to run Azure Defender vulnerability scans on all images produced by Dockerfiles in the organization. Implemented email alerting that includes remediation guides.
 - Implemented OAuth identification tracking on various resources and published analytics to analytical dashboards.

ADDITIONAL PROJECTS

- **Stock Trading Application** *2019 - Present*

Developed personal stock trading Python scripts that run daily in GCP, scheduled via crontab. This functionality includes:

 - Pull stock recommendations and news from various sources utilizing the Python requests library.
 - Algorithmically select tickers to monitor for breakouts.
 - Scrape real-time market data through Requests & BeautifulSoup Python libraries for real-time monitoring.
 - Place buy/sell orders utilizing the Python Alpaca API with Textbelt text message alerts when trades are executed.

SKILLS

- Languages: Python (7 yrs), SQL (6 yrs), Java, JavaScript, React
- Cloud Platforms: Azure (DevOps, Batch, Databricks), GCP
- Data & Orchestration: Oracle, AutoSys, Jenkins, Docker, Kubernetes
- Visualization: Power BI, Swagger
- Tools: GitHub, Toad, Terraform, Postman, PyCharm, VS Code

CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals
- Snowflake SnowPro Core (In Progress)