

Peter Luro
West Hartford, CT 06119
peter.luro1@gmail.com
Phone: (978) 621-9450

OBJECTIVE

Seeking a challenging Data Engineering role to leverage my expertise in advanced data management and innovative analytics solutions to drive actionable business intelligence 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*

- Modularized reusable market data file processing strategies in Python Datalake project. These processes are configured through Runconfig entries in an SQL Runconfig table and scheduled via Autosys jobs.
- Structured Oracle resources that feed data from financial instruments to Power BI and visualizations that allow the business to prioritize decision making through actuarial models & outcomes.
- Implemented React company website with pages for the business to access Power BI reports, submit tax forms with versioning logic, and the ability to upload and download datasets.
- Led AI and innovation research for PowerBI reporting. Presented features & 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 and their limitations.

• **Stock Trading Application**

2019 - Present

Developed personal stock trading Python scripts that run daily in GCP, scheduled on a daily crontab schedule.

This functionality includes:

- Pulling stock recommendations and news from various sources utilizing the Python requests library.
- Algorithmically selecting tickers to monitor for breakouts.
- Scraping realtime market data through Requests & BeautifulSoup Python libraries for realtime monitoring.
- Placing buy/sell orders utilizing the Python Alpaca API with Textbelt text message alerts when trades are executed.

• **Software Engineer, Optum TDP, Boston MA**

2020 - 2023

- Wrote Python ETL pipelines to prepare WAV audio data for Azureml 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.

SKILLS

Software:

Autosys | Azure Cloud Infrastructure | Azure Databricks (ETL) | Azure Devops | Docker | [Draw.io](https://draw.io) | Figma | Flask | GCP | GitHub | Jenkins | Kubernetes | Microsoft Office | Oracle Toad | Pandas | Postman | Power BI | PyCharm | Terraform | VSCode | Zoom |

Programming Languages (years):

Python (7) | SQL (6) | Java (3) | Javascript (2) | Groovy (2) | Swagger (2) | React (2) | CSS / HTML (2) | C (2)