Peter Luro

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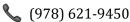
— OBJECTIVE —

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   *2019*
Worcester Polytechnic Institute (WPI)

— WORK EXPERIENCE & PROJECTS —

• Software Engineer, Talcott Resolution, Hartford CT   June 2023 - Present
  - ETL Automation: 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.
  - 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 senior leadership.
  - Data Quality Auditing: Built a reusable Python system to detect discrepancies in financial datasets.

• Software Engineer, Optum TDP, Boston MA   2020 - 2023
  - ASR Model Training: Wrote Python ETL pipelines to prepare WAV audio data for Azure ML ASR model training.
  - Data Preparation: Led segmentation strategy for training optimization.
  - Vulnerability Scanning: Automated Jenkins jobs to run Azure Defender scans and send email alerts.
  - Identity Analytics: Implemented OAuth tracking and published dashboards.

— ADDITIONAL PROJECTS —

• Stock Trading Application   2019 - Present
Developed personal Python scripts to monitor markets and automate trades in GCP using crontab.
This functionality includes:
  - Pulling stock picks and news from external APIs.
  - Screening tickers for breakouts.
  - Scraping real-time prices using Requests & BeautifulSoup.
  - Executing orders via Alpaca API with SMS alerts.

— SKILLS —

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

— CERTIFICATIONS —

Microsoft: Azure Fundamentals
Snowflake SnowPro Core (In Progress)