Peter Luro
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OBJECTIVE

Seeking a role as a Quantitative Developer specializing in financial programming and investment strategies.

EDUCATION

Bachelor of Science in Computer Science *December 2019*
Worcester Polytechnic Institute (WPI), GPA: 3.65/4.0

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 Runcofig entries in an SQL Runcofig table and scheduled via Autosys jobs.
    - Structured Oracle resources that feed data from financial instruments to Power BI & visualizations that allow the business to prioritize decision making through actuarial models & outcomes.
    - Implemented React interface for 1065 tax form submissions to an SQL database with versioning logic.
    - Led AI and innovation research for PowerBI reporting. Presented features & proposals to the CIO, Head of Infrastructure, & executives at Talcott Resolution.
- **Stock Trading Application** *January 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** *January 2020 - April 2023*
    - Wrote Python ETL pipelines to prepare WAV audio data for Azureml ASR model training.
    - Led team strategy for optimal ASR audio segmentation.
    - 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.

SKILLS

Software:

Autosys	Azure Cloud Infrastructure	Azure Databrlcks (ETL)	Azure Devops	Docker	Draw.io	Figma
Flask	GCP	GitHub	Jenkins	Kubernetes	Microsoft Office	Oracle Toad
Pandas	Postman	Power BI	PyCharm	Terraform	VSCode	Zoom

Programming Languages (years):

Python (6)	SQL (5)	Java (3)	Javascript (2)
Groovy (2)	Swagger (2)	React(2)	CSS / HTML (2)