Max Sviderskyi

Curriculum Vitae

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Employment

Data Scientist | DeFi Open-Source Platform (Aberdeen, UK)   2025 - present

Developing platform with team for analyzing DeFi Liquidity Pools and Staking Investments on DEXs.

- Working on "AI layer" behind the software to detect stable, high-quality TVL pools using APIs from leading DeFi protocols (Uniswap V3, Zapper, and others).
- Applying ML Clustering to categorize liquidity pools.
- Reviewing latest DeFi research (AMM models, concentrated liquidity, optimization strategies) and applying findings to model design.
- Involved in the development of a website using FastAPI + Python.

Data Analyst Intern | We Are D3 (Milton, New York)   Summer 2024

- Conducted research and statistical analysis of opposing teams *(Logistic Regression)* for Pro Basketball Team at the [TBT Summer Tournament].
- Statistical Modeling & Reporting for tracking players efficiency on the court.
- Performed data collection, cleaning, and visualization of game footage and play-by-play data.

IT Support Technician | WNF Web3 Agency (Remote, USA)   Jan - Oct 2024

- Provided Tier 1 tech support to agency clients, troubleshooting issues across applications and services.
- Managed and maintained small-scale applications and bots within Docker/Docker Compose.
- Developed Python scripts for automated data collection and processing, storing results in containerized databases; [Code Example with Bot]

Education

Robert Gordon University, Aberdeen, UK.   2024 - 2028

BSc (Hons) in Data Science with Business Management. *(Class Representative for Data Science)*

Gogebic Community College, Ironwood, MI, USA. Associates Degree in Computer Programming of Applied Business.   2023 – 2024

Technical Skills and Languages

- **Programming:** Python, SQL, R, HTML, CSS (Tailwind), Node.js, FastAPI
- **Databases:** Postgres, Microsoft SQL Server, SQLite, JSON/CSV (NoSQL)
- **Machine Learning:** Linear Regression, KNN, Clustering (K-Means), Decision Trees (CART, C5.0), Naïve Bayes, Association Rule Mining, Time Series Analysis
- **Data Libraries:** Pandas, NumPy, Matplotlib, Scikit-learn, SeaBorn, Caret (R)
- **Cloud & Tools:** Docker/Docker-Compose, Linux(Deployment on Linux Servers), Git/GitHub
- **Languages**: English, Russian, Ukrainian, Polish