Vladyslav Moisieienkov

Budapest, Hungary • LinkedIn • Github • Personal website

WORK EXPERIENCE

WorldQuant Predictive   **Oct 2022–Now**
Data Engineer (part-time)   Budapest, Hungary

- Conducted research and testing to find the best provider for a hosted Airflow workflow orchestration tool, evaluating options such as AWS MWAA.
- Reviewed and tested various data ingestion tools, including Airbyte and Meltano, to identify the most cost-efficient and high-performance option for large datasets.

The European Organization for Nuclear Research (CERN)   **Sep 2021–Aug 2022**
Software Engineer (Technical Student)   Meyrin, Switzerland

- I have been working in a small team of 4-5 people and participated in the day-to-day development of an open-source project REANA for physicists to run analysis on a scale, using Python and Kubernetes.
- Analyzed and fixed causes of unexpected behavior in a production deployment of the REANA cluster and provided technical support to physicists on how to use the REANA platform.
- Created a benchmark tool using Python to test and visualize the performance of the REANA platform, which helped optimize REANA to run from only 50 analyses to several hundred simultaneously.
- Led 4 in-team talks about technical debt, Python, Github, and web analytics. My talk about the Python type system motivated the team to adapt it in our codebase.

Realeyes   **2018–2021**
Data Engineering Intern (part-time)   Budapest, Hungary

- Imported 5+ external datasets to help the Computer Vision team improve neural network model training.
- Developed an internal web tool using Python (Flask) and JavaScript (ReactJS) the Computer Vision team used daily to search and visualize facial datasets.
- Participated in developing batch pipelines using Python and AWS Lambda/SNS/S3.
- I combined full-time studies and my responsibilities in the company.

EDUCATION

Budapest University of Technology & Economics (BME)   Expected graduation: **Jan 2024**
BSc, Electrical Engineering (GPA: 3.74/5)   Budapest, Hungary

- Specializing in embedded systems.
- Recipient of the competitive state-funded full-ride Stipendium Hungaricum Scholarship.
- Organizing educational and technical events for students and writing blog posts (e.g., Code Review Tips) as a core tech team member at Google Developer Student Club in BME.

TECHNOLOGIES AND LANGUAGES

- Languages: Python, SQL
- Cloud technologies: AWS, Kubernetes
- Others: Linux, Docker, Git/Github, data engineering
- Working knowledge: JavaScript/TypeScript, C/C++

PROJECTS

- **Writing technical articles** on my blog. I am learning how to write better technical content and grow the blog. Over a year, the blog grew from 200 to **1000+** unique visitors per month.
- **Web analytics tool** to track the time visitors spend on the website. The project is built on top of Cloudflare Workers using TypeScript and JavaScript. See the source on Github and the article on my blog.
- **Signal Your Love desktop app**. The desktop application allows users to view chat statistics from Signal Desktop.