MARCELL LENKEI

Software Engineer

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About Me

Knowledge driven graduate skilled in Python, SQL, and big data analytics. Proficient in database management, data visualization, Docker, and Git, with experience with data solutions and machine learning for decision-making.

Skills

- Python
- Machine Learning
- SQL
- Data visualisation
- Git
- Docker

Certifications

International Standard Classification of Occupations

FEOR 3142/9 Computer System Maintenance Qualification

Languages

Hungarian (Native)

English (Fluent - C1)

Experience

Data Solutions and Analytics Intern **2024.09-2025.01**

Enelis Informatika

Developed scalable data pipelines and strong data warehouses for effective storage and retrieval. Crafted Power BI dashboards to deliver insights and aid in business decision-making. Enhanced data integration for business intelligence, guaranteeing accuracy and accessibility. Employed SQL queries for data analysis and reporting, automating daily tasks using Python or Bash.

Business Intelligence Analyst Intern 2024.02-2024.06

Hearsay Systems

I collected and analyzed social media data to support data-driven decision-making. Ensured the accuracy of the database, converted Looker reports into dbt models, and delivered insights to guide business decisions. Collaborated closely with the BI team to comprehend requirements and create customized solutions.

Projects

Genomic data management and processing

Óbuda University

The project aimed to develop a platform-independent, portable, and automated workflow for managing and processing genomic metadata generated by next-generation sequencing (NGS) instruments. Throughout the project, I gathered sample sets from different sequencing devices and analyzed the metadata according to established criteria. This project was developed as part of my thesis, utilizing Docker and Python, with a PostgreSQL database for data management.

Education

Computer Science Engineer (BSc) **2020.09 - 2025.01**

Óbuda University

Programming languages: Python, C#
Databases: SQL (MySQL, PostgreSQL), NoSQL (MongoDB)
Machine learning: model development, library usage (TensorFlow, Scikit-Learn)
Data processing: data cleaning, performing statistical analysis, Big Data basics
Software development: using version control (Git), applying agile methodologies.
Specification: Artificial Intelligence