



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

Created a proof of concept for a data pipeline and enhanced data warehouses to make storage and retrieval more efficient. Designed Power BI dashboards to deliver insights that aid in business decision-making. Enhanced data integration for business intelligence, ensuring that data is accurate and easily accessible. Used SQL queries for data analysis and reporting, and automated daily tasks using Python or Bash.

Business Intelligence Analyst Intern**2024.02-2024.06**

Hearsay Systems

I gathered, processed, and analyzed social media data to help make informed decisions based on that data. I made sure the database was accurate, transformed Looker reports into dbt models, and improved data pipelines for better data processing. I provided insights to aid business decisions and worked with the BI team to create customized solutions, enhancing data access and reporting.

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