Мирослав Дилов

miroslav.dilov.business@gmail.com | +359 882 709 581 | София, Младост 1A

EDUCATION AND HONORS

Технически Университет - София - Компютърно и Софтуерно Инженерство   София

Бакалавърска степен   2021-2023

- Relevant Coursework: Algorigthms, Databases, OOP

PROFESSIONAL EXPERIENCE

Primeholding

Data Science Intern   October 2022 – March 2023

- Utilized Python, SQL, and various machine learning libraries to help the Data Science team on various tasks
- Helped with writing documentation and maintaining dashboards on the performance of various models

Coca-Cola

Data Engineering Intern   *June* 2023 - May 2024

- Utilized python and pyspark to develop, maintain and fix errors in data pipelines .
- *Helped with developing a Data Quality model responsible for alerting for changes in data that enters the pipeline.*
- Developed a POC Test Framework, which was a way to test different parts of the different parts of the data model in a customizable, easier way
-

CERTIFICATION

SoftUni

Data Science, Machine Learning, Deep Learning   June 2023 – January 2024

- Learned different ways of Data Visualisation, working with spatial data, and use of the scientific method
- Used different models, such as Linear and Logistic regressions, Tree and Ensemble methods and SVMs
- Basics of deep learning models, NNs for Images, Language Processing, Generative models and reinforcement learning

365 Data Science

Data Science Certificate   May 2022 – September 2022

- Basics of Statistics, Probabilty and Mathematics (Linear Algebra and use of Matrices with Numpy)
- Basics of Python, with a final project of Coin Recognition using OpenCV
- Mock projects using SQL, Machine Learning (Linear and Logistic Regressions)
- Deep Learning with Tensorflow (Basics of Neural Networks, different loss funcitons and basics of gradient descent)

SKILLS

- **Programming Languages:** Python, C, C++, Rust, HTML, CSS
- **Big Data & Machine Learning:** Spark,, MLFlow, Python (eg. scikit-learn, numpy, pandas, matplotlib)
- **Data Science & Miscellaneous Technologies:** A/B testing, ETL, Data Engineering pipeline (cleansing, wrangling, visualization, modeling, interpretation), Statistics, Hypothesis testing, OOP, APIs, Excel, Git, Pyspark, PowerBI

PERSONAL PROJECTS

Research on different policies for Global Warming and their effects on the global CO2 levels   August 2023   *Technologies used: Python, Pyspark, Pandas, Seaborn*

Comparison of different models' abilities to predict students' performance based on different data
Technologies used: Python, Pandas, Sci-kit learn, MLFlow   October 2023 – December 2023

Research on the performance of different reinforcement learning models in an advanced physics simulation (MuJoCo humanoid)
Technologies used: Python, RL zoo, Stable Baselines   *December 2023 – February 2024*