Kire Kolaroski
Machine Learning Engineer

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Biography

Hello my name is Kire Kolaroski, and I am a IT professional with 5 years of experience.

I am a professional with highly flexible profile around **Machine Learning** and **Software engineering**. I have spent 7 years of my life devoted creating optimal **machine learning** solutions, and 5 years on building **backend** products with **Python**.

Core Skills

- Python
- PyTorch
- Keras
- Django
- SQL
- Docker
- FastAPI
- Time Series
- React

Career Summary

2021 May – Present   **Machine Learning Engineer / Data scientist**
Arithmatrix

Role outline

Currently I am working on multiple projects, involving **crypto-currency prediction**, **name entity recognition**, and **bio-informatics**. Building end-to-end ML pipelines for each of the mentioned problems.

2018 Jan – 2020 Dec   **Machine Learning Engineer**
CausaLens

Role outline

As the first employee in a startup, my role was to get as much work as possible. That meant I was working on anything that came on my desk such as bug-fixing, **data cleaning**, **data modelling**, designing and implementing **machine learning pipelines**, researching/designing/implementing **machine learning techniques for time series**. On the non technical things, I was doing job interviews for **data scientists** and **machine learning engineers**.

Achievements

- Designing and implementing a model scoring system
- Designing and implementing model explainability system
- Designing and implementing neural networks for time series prediction
- Designing and implementing HDF5 and CSV readers.
- Creating a time series models for stock/shipping/gambling problems

2017 Mar – 2017 Dec   **Intern**
Macedonian Academy of Science and Arts(Computer Science Department)

Role outline

Worked on aggregation of **multiplex networks**. The idea was to measure how much information is being retained by aggregation of **multiplex networks**. **Entropy** was used to measure how much information was being retained after **aggregation**.

Education

2013 - 2017   **Bachelor of Computer Science and Engineering** (University of Saint Cyril and Methodius)

Fun

2022 May - Present   **Co - Creator**
                                Create a music platform specifically crafted for argentine tango music.

Role outline

    The project started as tutoring two of my friends on how to build end-to-end frontend application, now I am the one in charge of building the backend, and review most of the frontend work that is being done.