Kire Kolaroski
Machine Learning Engineer

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Biography

I am a professional with pure focus on **machine learning**. I have spent 5 years of my life devoted to **machine learning**. In university I focused mostly on learning basic machine learning with accent on **neural networks**, while in the industry I've been applying and researching machine learning techniques for **time series**.

Core Skills

- Python
- Numpy
- PyTorch
- Sklearn
- Pandas
- Django
- SQL
- Cython
- C++

Career Summary

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 **University of Saint Cyril and Methodius** (Faculty of Computer Science and Engineering)