

Antonopoulos Ilias

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Experience

Machine Learning Engineer

June 2023 – current

Agroknow

- research and develop forecasting models for Agroknow's innovative SaaS (Foodakai).
- research and develop tailor-made risk prediction models for hazards & substances of interest.
- maintain, improve & scale the production performance of the services that DS team develops.

Lead Data Scientist

September 2022 – May 2023

Convert Group

- Leading and managing the Data Science team, currently consisting of 4 engineers. Reporting to CTO.
- Responsible for the delivery of the Data Science roadmap.

Machine Learning Engineer, Team Leader

January 2021 – September 2022

Convert Group

- (June 2021 – September 2022) technical lead of the Data Science team and its projects / production-grade services.
- (January 2021 - May 2021) R&D new data products that support and optimize functionalities of the core products.

Junior Data Scientist

June 2018 – January 2021

Convert Group

My primary role was to co-implement a new machine learning project with the objective to automatically and efficiently categorize incoming eCommerce products with respect to a given taxonomy.

Intern Data Scientist

April 2018 – June 2018

Convert Group

Developed - after research and prototyping - a simple anomaly detection microservice.

Education

Athens University of Economics and Business

September 2020 – July 2022

Department of Informatics & Department of Statistics

MSc | Data Science | Part Time Program | graduation grade: 9.12

National and Kapodistrian University of Athens

September 2012 – September 2019

Department of Mathematics

BSc | Major in Applied Mathematics | Minor in Statistics and Operations Research

Skills & Interests

Technical Skills: Python, SQL, NoSQL, Software Design, API development, TensorFlow, scikit-learn, Linux, Docker

General Skills: Teamwork, Problem-solving, Meeting deadlines, Communication, Self-learning

Languages: English (Professional working proficiency), Greek (native)

Interests: Open-Source Software, Climbing, Literature, Travelling

Misc

Open-Source Contribution

- Developed a Python package, called `tf-notify`, that provides TensorFlow callbacks to send notifications - e.g. when a long model training ends - to a messaging app of your choice.
- Developed a client for the official `data.gov.gr` API, providing easy access to the anonymized, open-data of the Hellenic Government. Client is published as a Python package under the name `pydatagovgr`.
- Developed a `library` that performs adversarial validation on your training and test data i.e. asserts whether they share the same underlying distribution or equivalently whether the validation dataset is a good proxy for the generalization ability of your ML model in unseen test data.