

# Antonopoulos Ilias

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## Experience

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### Machine Learning Engineer

June 2023 – current

*Agroknow*

- Develop ML models that power the predictive capabilities of the company's commercial application.
- Ensure that every production ML system runs smoothly and reliably for the end user.
- Participate in demo calls with prospects/customers to help them understand better the app's ML-based features.

### Lead Data Scientist

September 2022 – May 2023

*Convert Group*

- Promoted to Lead, leading and managing the Data Science team, consisting of 4 engineers. Reporting to CTO.
- Responsible for the delivery of the Data Science team and its roadmap.

### Machine Learning Engineer, Team Leader

June 2021 – September 2022

*Convert Group*

- Promoted to tech lead role in the Data Science team, having ownership of the majority of the team's projects.

### Machine Learning Engineer

January 2021 – June 2021

*Convert Group*

- Worked on several Data Science projects and had the ownership of a large-scale data acquisition service.

### Junior Data Scientist

June 2018 – January 2021

*Convert Group*

- Co-implemented a new machine learning project with the objective to automatically and efficiently categorize incoming e-commerce products with respect to a given taxonomy.
- Role landed after a 2-month university internship (April 2018 - June 2018) where the objective was to develop - after research and prototyping - a simple anomaly detection microservice to optimize an important data quality process.

## Education

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### Athens University of Economics and Business

September 2020 – July 2022

*Department of Informatics & Department of Statistics*

MSc | Data Science | Part Time Program

*Received excellence award for being top of my class, with grade 9,12 / 10.*

### 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

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**Technical Skills:** System Design, API development, Python, SQL, NoSQL, Docker, PyTorch, TensorFlow, scikit-learn

**General Skills:** Teamwork, Problem-solving, Meeting deadlines, Communication, Self-learning, Sense of ownership.

**Methodologies:** Experienced in *Agile* practices for software development and *OKRs* for goal-setting.

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

**Interests:** Rock Climbing, Travelling, Open-Source Software

## Misc

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### Open-Source Contribution

- Developed a Python package, called `tf-notify`, that provides TensorFlow callbacks to send notifications.
- Developed a client for the official `data.gov.gr` API, providing easy access to the open data provided by 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 and asserts whether your validation dataset is a good proxy for the generalization ability of your ML model in unseen test data.