Ilias Antonopoulos

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Deployed more than 15 applications to production and gained valuable lessons over the years by making and often "breaking" things. An experienced (*7+ years*) Machine Learning Engineer in fast startup environments who takes ownership, leads by example, and builds high-quality, reliable software.

Experience

Machine Learning Engineer   **April 2025 – current**
Captify

- Developed an expansion mechanism that increases by 33% the spatial coverage of the core geo-segmentation solution.
- Developed an audience segment reach estimator that helps the commercial team optimize ad campaigns.

Senior Machine Learning Engineer   **June 2023 – April 2025**
Agroknow

- Developed and maintained two food safety risk-scoring ML models and an LLM-based assistant for the SaaS.
- Represented the Data Science function in customer-facing events: demo calls, AI trainings & workshops.

Lead Data Scientist   **September 2022 – June 2023**
Convert Group

- Led and managed the Data Science team, consisting of 4 engineers. Reported to CTO.
- Collaborated on strategic initiatives with other departments i.e. Software, Product, Commercial, Ops.

Machine Learning Engineer, Team Leader   **January 2021 – September 2022**
Convert Group

- Had technical ownership of the DS team's projects, as well as led proof-of-concept initiatives.
- Managed to increase the team delivery rate by on-average 15%, to a 90% delivery rate.

Junior Data Scientist   **April 2018 – January 2021**
Convert Group

- Co-implemented a new ML service that automatically categorises and "matches" e-commerce products with respect to a given taxonomy. We managed to scale up the process, reducing manual QA work by 57%.

Education

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

Technical Skills: System & API design, Python, SQL & NoSQL Databases, Django, TensorFlow, PyTorch, scikit-learn, Hugging Face, LangChain, MLFlow, Docker, CI/CD, Google Cloud Platform (GCP), ETL workflows, Apache Spark, Databricks.

Other Skills: Communication, Strategic Planning, Teamwork, Problem solving, Meeting deadlines, Ownership.

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

Languages: English (Professional working proficiency - C2), Greek (native)

Misc

Co-building Smartfin, an AI stock analysis platform for everyday investors. The product was first conceived in January 2024 and launched in March 2025. This is a part-time initiative.