

# Athanasios Masouris

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🌐 [Personal Website](#)

🐙 [GitHub](#)

🌐 [LinkedIn](#)

## PROFESSIONAL EXPERIENCE

### AI Engineer

April 2024 – Present

PwC Greece

Athens, Greece

- Developed retrieval-augmented generation (RAG) virtual assistants in Python and C#
- Built end-to-end machine learning pipelines on Azure Machine Learning
- Engineered backend APIs using Django Rest Framework for analytics applications in the public sector
- Streamlined deployment workflows using containerization and Azure cloud services for scalable solutions
- Collaborated with business stakeholders to align technical solutions with business goals

### Military Service

Nov. 2020 – July 2021

Research and Informatics Corps, Hellenic Army

## INTERNSHIPS

### Google Summer of Code

June 2022 – Sep. 2022

Intel's OpenVINO Toolkit

Remote

- Project: “Train a DL model for synthetic data generation for model optimization” [\[paper\]](#)
- Developed a GAN for conditional image generation through knowledge distillation
- Evaluated post-training quantization using synthetic data
- Results demonstrated less than 0.6% accuracy degradation

### Machine Learning Intern

July 2020 – Sep. 2020

National Centre for Scientific Research “DEMOKRITOS”

Agia Paraskevi, Greece

- Developed a pipeline for an automatic video-game review summarization system in Python
- Evaluated machine learning classifiers for the aspect identification module of the pipeline

## EDUCATION

### Delft University of Technology (TU Delft)

Sep. 2021 – Aug. 2023

MSc in Computer Science

Delft, the Netherlands

- Track: Artificial Intelligence
- Graduated with distinction
- Thesis: **End-to-End Chess Recognition** [\[publication\]](#)

### National Technical University of Athens (NTUA)

Sep. 2015 – Aug. 2020

Joint BSc & MSc in Electrical and Computer Engineering

Athens, Greece

- Concentration field: Computer Science
- Member of the Artificial Intelligence and Learning Systems Laboratory (AILS lab)
- Thesis: **Text-to-image synthesis using Generative Adversarial Networks (GANs)**

### Certifications

*Microsoft Azure*: Azure Administrator Associate (AZ-104) [\[credential\]](#), Azure Data Scientist Associate (DP-100) [\[credential\]](#), Azure AI Engineer Associate (AI-102) [\[credential\]](#), Azure AI Fundamentals (AI-900) [\[credential\]](#), Azure Data Fundamentals (DP-900) [\[credential\]](#), Azure Fundamentals (AZ-900) [\[credential\]](#)

Machine Learning Engineering for Production (MLOps) by *deeplearning.ai* [\[credential\]](#), Deep Learning Specialization by *deeplearning.ai* [\[credential\]](#), Machine Learning by *Stanford | Online* [\[credential\]](#)

## SKILLS

**Programming Languages**: Python, C#, SQL, JS/HTML/CSS

**ML/AI**: AzureML, Databricks, Scikit-learn, GenAI, LangGraph, MCP, Agentic AI

**Cloud/DevOps**: Microsoft Azure, Docker, CI/CD, Databricks Asset Bundles, Git, Devcontainers

**APIs/Backend**: Django Rest Framework, FastAPI, ASP.NET Core

**Professional**: Cross-functional collaboration, stakeholder management, requirements analysis, project delivery

## LANGUAGES

**Greek** (Native), **English** (Proficient)