

Georgios Zachariadis

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WORK EXPERIENCE

AI Engineer

PwC Greece

April 2024 - Present

Athens, Greece

- Designed and deployed RAG virtual assistants using Python, Azure OpenAI, Azure Cognitive Search, and CI/CD pipelines.
- Developed end-to-end ML workflows with MLflow, Docker, FastAPI, Celery, RabbitMQ, and Azure cloud services with Azure Container Apps for public sectors.
- Streamlined workflows and built RESTful APIs in Django, reducing execution and validation time by 75% for public sector analytics.
- Integrated CI/CD workflows with Azure DevOps, Docker, and Dev Containers for scalable deployments.
- Collaborated closely with stakeholders, mentored teams, and delivered technical presentations.

Software Engineer

PPC S.A.

February 2023 - March 2024

Athens, Greece

- Sole Java Spring developer for ETRM Datalab of PPC, handling ETL design and implementaion with Oracle.
- Developed interactive dashboards with Primefaces, Plotly, and CSS for 100+ users.

Military Service

Ministry of National Defense, Hellenic Army

November 2022 - November 2023

Athens, Greece

- Served as IT Support Engineer, providing systems support and IT consulting

Data Science Intern

Augmenta

April 2022 - September 2022

Athens, Greece

- Led agricultural optimization project using scikit-learn and OpenCV, developing tools to improve logistics and crop damage mitigation for 250+ farmers.

Junior Machine Learning Researcher

AUEB University, NLP Group

August 2021 - October 2022

Athens, Greece

- Conducted research on NLP, Computer Vision, and Deep Learning for medical diagnosis, using PyTorch, TensorFlow, and scikit-learn for model development and evaluation.

RESEARCH AND PUBLICATIONS

AUEB NLP Group at ImageCLEFmedical Caption 2022 [\[publication\]](#) [\[code\]](#)

- Placed 1st and 2nd in [ImageCLEFmedical](#), an international competitive campaign for image analysis and retrieval.
- Researched Medical Image Captioning using CNNs, RNNs, Transformers with PyTorch and TensorFlow.

EDUCATION

AUEB University

BSc in Informatics, Major: AI and Data Systems

October 2018 - September 2022

Athens, Greece

- Four-year Degree, Grade: 8.15/10, **Top 4% of class**, 240 ECTS
- Thesis: Exploring Uni-modal, Cross-modal, and Multi-modal Medical Captioning [\[paper\]](#)
- Relevant courses: Machine Learning, Artificial Intelligence, Statistics, Time Series, Software Engineering.

TECHNICAL SKILLS

Languages: Python, SQL (MS SQL, PostgreSQL, MySQL, Oracle), Java, R

Machine Learning & AI: scikit-learn, TensorFlow, PyTorch, MLFlow, LangChain, LLMs, ONNX

Cloud & DevOps: Azure, Git, Docker, DevContainers, CI/CD (Azure Pipelines), YAML, Bash

Others: FastAPI, Django, Poetry, Spring

Certifications: Microsoft Certified: Azure AI Engineer Associate (AI-102) [\[credential\]](#), Microsoft Certified: Azure AI Fundamentals (AI-900) [\[credential\]](#), Microsoft Certified: Azure Fundamentals (AZ-900) [\[credential\]](#)