

Pantelis Kouridakis

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Summary

Graduate of the University of Peloponnese in Computer Science and Engineering, with a strong foundation in Software Development and Business Analysis.

Driven by a growing passion for the space sector, particularly in developing software solutions that support Earth Observation and satellite data applications.

Education

University of Peloponnese (UOP) *Department of Digital Systems*

2015-2023

BASc in Computer Science and Engineering 240 ECTS

Sparta, Greece

Track: Software Engineering | For syllabus, visit the programme website [↗](#)

Thesis “Mechanisms for Analyzing 3D Point Clouds” | Grade: 10/10 | Supervisor: Dr. P.Kokkinos

Key Courses Artificial Intelligence, Machine Learning, Advanced Algorithms (C, C++, Java), Pattern Recognition, Data warehousing and Data Mining, Distributed and parallel programming.

Work Experience

AI Developer (Intership) *Prometheus Space Technologies*

2025-Current

London, United Kingdom

Responsibilities

- Developed a wildfire predictive web application using AI and Earth Observation data. Built the full-stack solution with a Flask backend and React.js. Trained and deployed a wildfire risk model using Scikit-learn and integrated real-time weather APIs.

Tech Stack Python, Flask, Scikit-learn, Pandas, React.js, PostgreSQL, GeoJSON, Rest APIs

RPA Engineer *Generali Hellas*

2024-Current

Athens, Greece

Responsibilities

- Led end-to-end Robotic Process Automation (RPA) initiatives using Microsoft Power Platform tools.
- Contributed to AI projects, including chatbot (LangChain) development and image classification.
- Trained team members on Power Automate.

Tech Stack Power Automate, SQL, Python, Pandas, LangChain

RPA Developer *Aambience Services*

2022-2024

Athens, Greece

Responsibilities

- Engage in end-to-end RPA processes utilizing Microsoft Power Platform tools (Power Automate Desktop, Power Apps, Power BI).
- Developed 25+ automation solutions, reducing manual workload.
- Collaborated with cross-functional teams to deliver results.

Tech Stack Power Automate, SQL, Python

Responsibilities

Athens, Greece

- Managed design, configuration, integration, and support of SAP Business One.
- Worked closely with clients to tailor ERP solutions.
- Working with SAP BI.

Tech Stack SAP BI, SQL, C#

Core Competencies

Languages: Python (TensorFlow, Scikit-learn), SQL

Data Science & Analysis: Pandas, NumPy, Matplotlib, OpenCV

Software Development: LangChain, Agile methodology (Scrum), Jira

Behavioral: Ownership, Teamwork, Problem-solving, Communication

Certifications & Courses

Machine Learning Specialization *University of Stanford*

Forest Monitoring with AI *WEkEO*

Marine Data 4 Arctic with AI *WEkEO*

Monitoring Land Use with AI *WEkEO*

Space 4 Beginners *Corallia*

Hobbies

- Tennis
- Hiking

Referees

- Panagiotis Kokkinos
Department of Digital Systems, University of Peloponnes
- Eleutherios Plafountzis
CEO at Prometheus Space Technologies