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

BSc 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-Present, London, UK

Responsibilities

- Built a wildfire prediction web app using AI and Earth Observation data, improving early detection.
- Developed full-stack solution with Flask backend and React.js frontend, optimizing user experience.
- Trained Scikit-learn wildfire risk model and integrated real-time weather APIs.

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

RPA Engineer *Generali Hellas* — 2024-Present, Athens, Greece

Responsibilities

- Led RPA initiatives using Microsoft Power Platform, automating 20+ processes and reducing operational costs.
- Built AI chatbot with LangChain
- Trained team members on Power Automate, boosting team productivity.

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.

- Developed 25+ automation solutions, reducing manual workload.
- Collaborated with cross-functional teams to deliver results.

Tech Stack Power Automate, SQL, Python

SAP Consultant *GVision*

2021-2022

Responsibilities

Athens, Greece

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

Tech Stack SAP BI, SQL, C#

Core Competencies

Languages: Python (TensortFlow, 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 Standford*

Forest Monitoring with AI *WEkEO*

Marine Data 4 Arctic with AI *WEkEO*

Monitoring Land Use with AI *WEkEO*

Space 4 Beginners *Corallia*

Referees

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

Languages

- English
- Greek