

Alexandros

Frangiadoulis

Data Scientist & Software Engineer

CONTACT

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LinkedIn

Github

Portfolio

EDUCATION

Master of Science (MSc)

Informatics & Multimedia

Technological Educational Institute of Crete

2014 - 2016

Bachelor of Science (BSc)

Informatics Engineering

Technological Educational Institute of Crete

2007 – 2014

LANGUAGES

Greek

English

French

SKILLS

Python

Machine Learning

Java

Data Visualization

Dash Applications

LIBRARIES

TensorFlow, Keras, Torch, Pandas, Numpy, scikit-learn, Plotly, Dash, SciPy, PySpark, Flask.

TOOLS

Azure Clowd, Databricks, SQL, HTML/CSS, Docker, Power BI

Profile

Senior Data Scientist with strong expertise in building robust data solutions, predictive models, and production-grade analytical tools. Proven track record in the luxury, aerospace, and R&D sectors. Adept at bridging business needs with data science techniques.

Professional Experience

Breitling | Senior Data Scientist & Product Owner | Switzerland-Zurich

SEP 2022 - Now

This was my first role in the luxury retail industry, offering a unique opportunity to approach business challenges from the inside and shape data-driven solutions aligned with operational goals. Key responsibilities in this role included:

• Designing and deploying forecasting pipelines to predict product demand across global markets

• Developing a client propensity model to support CRM and targeted marketing efforts

• Creating and maintaining scoring models for boutiques and vendors to optimize segmentation strategies

• Leading the development of reporting and dashboarding systems to monitor media performance and business KPIs

AKKA Technologies | Data Scientist & Software Engineer | France

JAN 2018 – AUG 2022

This work focused on applying data science within the **aerospace industry**, specifically supporting **Airbus**, to improve engineering procedures, optimize simulations, and enhance decision-making through machine learning and statistical analysis.

• Applied transformer-based NLP models to classify maintenance tickets and streamline issues

• Built CNNs to detect and classify aircraft maneuvers

• Optimized simulation workflows through statistical modeling and predictive algorithms, reducing engineering cycle time

• Delivered ML prototypes and visual dashboards to support decision-making across Airbus programs

European Chemicals Agency| R&D Engineer | Finland

MAR 2017 – AUG 2017

The experience at the European Chemicals Agency was highly valuable, offering the opportunity to collaborate with professionals from diverse cultural and technical backgrounds. This role enhanced both my communication skills and technical adaptability in a high-level international setting. Key contributions included:

• Developed internal tools to support the audiovisual and communications teams

• Provided technical support for high-profile, multilingual events

• Gained hands-on experience in a multicultural, cross-functional work environment

iSTLab - Technological Institute of Crete| R&D Engineer | Greece

OCT 2015 – JAN 2017

During my time at the iSTLab research laboratory, I contributed to machine learning research as part of my master's thesis. My work focused on:

• Developing machine learning applications tailored to academic and experimental use cases

• Implementing computer vision tools for automated recognition and classification tasks

Egnatia Tel Group of Companies | IT Support | Greece

JUN 2015 – AUG 2015

This was my first professional experience in an IT department, supporting a construction company. It provided a foundational understanding of technical operations and organizational coordination. Key responsibilities included:

• Coordinating and supporting construction teams on-site

• Managing workforce management (WFM) tools and schedules

• Overseeing basic IT infrastructure and system maintenance

Publications

Deep Learning Implementation Model for Image Recognition Applications

International Symposium on Ambient Intelligence and Embedded Systems 2016 · Sep 22, 2016

[Read more.](#)

Licenses & certifications

Blockchain Technology

University of The Aegean

December 2021 – March 2022