

PANAGIOTIS KEFALAS

 Portfolio  in LinkedIn  GitHub @ panoskefalas@outlook.com  +30 6987302161  Thessaloniki, Greece

EXPERIENCE

Data Scientist

Freelancing (contract)

 September 2020 – Ongoing  Thessaloniki, Greece, Global

Worked in the E-Commerce, Environmental and Energy industry.

- E-shop revenue increase by providing dynamic pricing insights.
[Scraping, cleaning, structuring web data. Google Sheets API data storing and reporting.]
- 90% accurate air quality monitoring sensor data reconstruction.
[API batch data acquisition, missing values imputation, EDA, anomaly detection, feature engineering. K-means clustering, Linear Regression and Random Forest modelling.]
- Energy, weather, demographic data ETL to energy demand forecasting.
[Data pipeline: API multi source data streaming, transforming, to AWS MySQL RDS. Ensemble time series modelling, FAST API, Docker, Heroku model deployment.]

Software Engineer

Kenotom P.C. Embedded engineering excellence (full-time)

 Oct. 2022 – Ongoing  Thessaloniki, Greece

Kenotom specializes in embedded systems software and industrial automation.

- OOP and data structures, system modeling, unit test automation and debugging, requirements engineering, control systems and simulation, version control, Jira.
- Excellent client evaluation received after 3 successful software releases to top automotive companies
- Optimized team's efficiency by developing clean coded automation scripts in MATLAB and Python

PROJECTS

Competitor price monitoring

E-commerce Analytics - Private Client

 2023  Thessaloniki, Greece

This tool provides the convenience of storing prices of competitor e-commerce platforms all the way to creating reports.

- Data scraping (bs4), cleaning and structuring (Pandas DF)
- Google API dataframe (gsread) to sheets and LookerStudio visualization
- View the sample project here: [portfolio](#)

PROGRAMMING

Python
SQL
MATLAB
C



SKILLS

• Frameworks and Tools

Pandas PySpark Numpy
Scikit-Learn BeautifulSoup Selenium
Seaborn Matplotlib Python MySQL
AWS RDS Docker Heroku
Git/Github Google Analytics
LookerStudio Jira VS Code Bash

• Models and Algorithms

Linear Regression Logistic Regression
SVM K-Means K-NN
Gradient Descent FFT SOM PCA
Random Forest XGBoost

• Technical and Soft skills

Linear algebra Calculus Statistics
Probability Problem-solving
Optimization Fast learning

EDUCATION

Mechanical Engineer Masters
Energy Production and Management
Aristotle University of Thessaloniki

 Nov 2022

Master Thesis: [Analysis and modelling of air quality monitoring node data with computational intelligence methods](#)

LANGUAGES

English
German



INTERESTS

Python coding, AI and Tech news, Fiction Books, Chess, Tabletop RPGs, Weightlifting and coaching, Travelling, Guitar playing