Iason Kyriakopoulos

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LinkedIn | GitHub | Project Portfolio

Education

University of Piraeus, Piraeus, Greece *Oct. 2021 – Jun. 2025 (expected)*
B.Sc. in Informatics (4-year program; 240 ECTS)

- Overall GPA: 8.64/10 (**"Excellent"**)
- Relevant coursework: Data Analytics / Data Science Topics, Pattern Recognition, Image Analysis, Speech and Audio Processing, Intelligent Agents, Probabilities and Statistics
- **Bachelor's Thesis:** *Electric Vehicle Charging Load Forecasting: An Experimental Evaluation of Machine Learning Models*; evaluated ARIMA, XGBoost, GRU, LSTM, and Transformer models on real-world charging station data from four cities using MAE and RMSE; found ARIMA outperformed deep learning methods in lighter configurations across spatial and temporal horizons.

Anavryta Model Lyceum, Maroussi, Greece *Sep. 2018 – Jun. 2021*
Science and Technology Track

- Final Grade: 18.3/20 (**"Excellent"**)

Individual Projects

Medical Appointment No-Show Prediction Month Year

- End-to-end ML pipeline: data cleaning, feature engineering, stratified validation.
- Addressed class imbalance with resampling/threshold tuning; benchmarked Logistic Regression vs. XGBoost.
- Improved F1/PR-AUC; performed error analysis to identify high-risk cohorts.

[**Personal/Independent ML Project**] Month Year

- Brief description (dataset, task, metric). Link to code/notebook: `https://github.com/username/repo`.

[**Optional Time-Series Project**] Month Year

- Forecasting with LSTM/GRU + walk-forward validation; compared short- vs. medium-horizon performance; early stopping/regularization to prevent overfitting.

Technical Skills

- **Programming Languages:** Python, SQL (basic)
- **Frameworks & Libraries:** NumPy, pandas, Matplotlib, scikit-learn, TensorFlow, Keras
- **Data Handling:** Data Cleaning, Exploratory Data Analysis, Feature Engineering
- **Machine Learning:** Supervised and Unsupervised Learning, Ensemble Methods, Time-Series Forecasting
- **Deep Learning:** Neural Networks (MLP, CNN, RNN/GRU/LSTM), Transformer Models
- **Tools & Infrastructure:** Jupyter, Git, Singularity, LaTeX

Military Service

Mandatory service completed, Hellenic Armed Forces Nov. 2025 – Aug. 2026

Languages

- **Greek:** Native
- **English:** C2 (ECPE – Michigan Language Assessment)
- **French:** B2 (DELF)