












IOANNIS (JOHN) MARIS

+30 6987328453 ◇ Heraklion, Crete, Greece  
 [gianismaris13\(AT\)gmail\(dot\)com](mailto:gianismaris13(AT)gmail(dot)com) ◇ [Personal Website](#) 


ACADEMIC EDUCATION

 **B.Sc in Mathematics & Applied Mathematics, University of Crete** (Oct.2017-Sep.2022) | **Grade:** 7.6/10
 **M.Sc in Data Analysis & Machine - Statistical Learning, University of Crete, Department of Mathematics, Applied Mathematics and Computer Science, FORTH's Institute of Applied and Computational Mathematics (IACM) and Institute of Computer Science (ICS).** (Sept.2023-Jan.2025) | **Grade:** A (*Excellent*)¹

SKILLS

Interests	Machine Learning, Statistics & Causality, Deep Learning & Generative Models, Bioinformatics, Time Series & Econometrics, Mathematical Modeling, Dynamical Systems, 
Computer Languages	Python  (excellent),  (excellent) , Mojo  (good), PostgreSQL (good), C++ (good) .
Tools 	Visual Studio, Jupyter Lab, Google Colab, RStudio  , Anaconda, L ^A T _E X, Xcode.
Frameworks 	Scikit-Learn, PyTorch, TensorFlow-keras, numpy, scipy, pandas, matplotlib, seaborn, causal-learn/cdt, statsmodels; Mass, Caret, glmnet, sandwich, forecast, xgboost, ggplot2, GGally, quantreg, hqreg, rqPen, eigen (C++)
Soft Skills	Time Management, Teamwork, Communication, Problem Solving, Leadership, Accountability
Languages 	English (ECCE-Michigan), Greek (Native)

EXPERIENCE

Internship² at Foundation for Research and Technology - Hellas (**FORTH**) Seasonal (Dec 2022 - May 2023)
Topic: Applied Statistics, Predictive Modelling with , Python

Graduate Teaching Assistant - Machine Learning (Postgraduate), Python Computer Language Fall 2023



Graduate Teaching Assistant - Numerical Analysis Spring 2024





Undergraduate Teaching Assistant - Introduction to Linear Algebra Fall 2022



PUBLICATIONS



Title: Identification of Normal Modes in Underwater Acoustic Propagation using Convolutional Neural Networks.
In Proceedings of 24th international congress on acoustics, ICA, Acoustical society, Korea, 2022 · Oct 24, 2022
Authors: Costas Smaragdakis, Ioannis Maris, Michael Taroudakis.





PROJECTS

B.Sc. Thesis: Supervised Classification with Parametric Models | Statistical Learning. ³
Supervisor: Yiannis Kamarianakis  

Project NewYork Air-Quality dataset analysis using Penalized estimation, Stepwise model building, Adaptive regression and Monte-Carlo experiments    

Project Cardiovascular data analysis using penalized estimation, deep & ensemble learning combined with resampling techniques and employing numerical approaches to MLE using Fisher scoring  

Project Graphical Lasso - Graphical Learning of Sparse and Structured Biological Networks  

Project Feature Selection with Causal-Based Models | applied in biostatistics    

¹ Achieving the highest GPA in my master's program

² Institute of Applied & Computational Mathematics

³ Grade: 10/10; grading oversight by Sofia Triantafyllou, Ioannis Pantazis, and Yiannis Kamarianakis.

EXTRA-CURRICULAR ACTIVITIES

- Chess ♟ | Rocket Science & Astronomy 🚀 | Exercising & Training 🏃