Panos Kabasis

Data Scientist
Doiranis 31, Kallithea. Athens, Attiki, Greece.
(+30)6988120621 | panos.kabasis@gmail.com
https://upbash.github.io/My-resume/
https://www.linkedin.com/in/panos-kabasis-618b18264

Objective

Highly driven mathematics graduate student with specialization in applied mathematics and a keen interest in computational math, programming and data sciences. My objective is to further my understanding in methods of mathematical modeling in data schemes to implement my knowledge the best way I can.

Experience

- **National Observatory of Athens** 01/09/2022 - 31/10/2022
  Solar Energy Analyst
  Analyzing data throught computer vision techniques and python. Analytic statistical estimations of forecast databases.

- **National and Kapodistrian University of Athens, department of medicine** 23/06/2022 - Ongoing
  Associate
  Associate in prof. Vassilis Gorgoulis' research team. Mathematical machine learning in bio-medicine.

- **Tgndata** 01/03/2024 - Ongoing
  Data engineer
  ETL, python scripting, SQL.
  Data mining, cleansing, load to my SQL database.
  Data entry, data engineering.

Education

- **M.Sc. in Information Systems & Services, University of Piraeus** Ongoing
  Big Data Analytics
  8.4

- **National and Kapodistrian University of Athens, School of Science, Department of Mathematics** 2017-2022
  Mathematics

- **ECPE** 2014
  English

Skills

- Python
- R , Matlab, SPSS, MS Excel, MongoDB, Spark
- Mathematical Machine Learning Neural networks (PCA,LDA,Regression,Classifiers, Clustering, R-CNNs, Deep Learning)

Projects

- **Master's thesis**
  -- Deep learning with Arithmetic Methods on hyperspace Parabolic Partial Differential and backward Stochastic Equations --

  • Parabolic Partial differential equations
  • Development of arithmetic methods for closed form solutions
  • R - CNN in hyperparameters tuning
- **Mathematical Machine Learning**
  Research Team, Department of Medicine, NKUA.
  Regression with real life medical data
  Classification and Clustering.
- **Object detection**
  Neural Networks, object detection from images of surveillance cameras and aerial photographs.

-VisDrone Dataset-
• R-CNN
• YOLO v3-5-8
• Tranafer Learning and Model fine-tuning

- **NLP**
  Sentiment analysis ML project. Imdb, Amazon comments. Poratity, Sentiment extraction and classification
- **Time series project and Matlab Unsupervised Training**
  • Time series analysis with R
  • Unsupervised learning (K-means Clustering) with Matlab
- **Spark**
  Distributed system infrastructure set-up. Cloud-based computing. K-nn algorithm development.
- **MongoDB**
  Case study assignment for Master's course
- **Microsoft Azure**
  A.I. Fundamentals AI - 900