KOLLIAS Georgios Panagiotis

Personal Information

DATE - PLACE OF BIRTH: 02 February 1990 in Athens, Greece
PROFESSION: Software Engineer
PROFESSIONAL ADDRESS: National Observatory of Athens, Institute of
Environmental Research and Sustainable Development
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Academic Qualifications

2018-: MSc in Data Science and Machine Learning, National Technical University of Athens

2016: MEng in Electrical and Computer Engineering, National Technical University of Athens.

Professional Experience

- ❏ 2021 – today: Software Engineer,National Observatory of Athens, Greece
- ❏ 2017 – 2018: Software Engineer ,Unisystems SA, Greece
- ❏ 2017: Research Associate, Institute of Communication and Computer Systems, ECE, NTUA
- ❏ 2014-2016: Freelance Programmer
- ❏ 2010 – 2014: Technical Translator, Fountas Books, Athens, Greece

Areas of expertise

Software Engineering, Databases, Data Science, Machine Learning, Web Development,

Other Activities

- **Awards**
  2015: 10 best Startup Ideas in the contest of Papastratos "Reditup" with the "Miyagi" social network for skill and knowledge trading.
- **Seminars**
  2015 Participation in the EkinisiLab Incubator of the Hellenic Federation of Enterprises, including seminars in the Alba Graduate Business School
- **Interests**
  History of Philosophy, Cinematography, Reading, Hiking, Cycling

Projects

Analysis and Processing of Geospatial Data, including
the use of PostGIS Database and various tools for data
visualization and presentation.

Machine Learning and Neural Nets, including employment of various
ML algorithms, techniques and tools for the participation on a
real-world Kaggle competition.

Deep Learning , including design and implementation
of a deep neural network for universal style transfer
using PyTorch library.

Big Data Management, participating in a 6-month
project of data analysis and processing of Big Data,
using Apache Spark framework.

Distributed Systems, where a blockchain was implemented as part of
MSc course's final project.