MARKOU ELENI

Machine Learning & Software Engineer

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EXPERIENCE

Machine Learning Software Engineer

METIS Cyberspace Technology

📅 Jun 2020 – present   📍 Athens, GR

- Worked on timeseries quantity prediction using IoT data with technology stack centered on Python, scikit-learn, PySpark, Kafka and Postgres. Migrated exsiting machine learning pipelines to Databricks platform and integrated with MLFlow for model management.
- Contributed to existing micro-services based on Java8 and Spring-Boot and in data engineering project using Scala, Spark, Kafka and Cassandra.

Machine Learning Software Engineer

VAIX.ai

📅 Mar 2019 – Apr 2020   📍 Athens, GR

- Worked on a deep learning based recommender project with technology stack centered on Python, Keras, Postgres and Django web framework. Lead developer since December 2019.
- Literature review and experimentation with state-of-the-art models, e.g. BERT, skipthoughts.

Data Scientist

Blendo.co

📅 Feb 2017 – Feb 2019   📍 Athens, GR

- Worked on automating analyses and reporting with technology stack centered on Python, SQL and R.
- Involved in data model design, optimized for statistical efficiency and quality.
- Carried out adhoc machine learning projects in collaboration with clients' data science team and blogged on machine learning topics.

Network Operation Center Engineer (Tier-1)

GRnet - Greek Research and Technology Network

📅 Sept 2015 – Jan 2017   📍 Athens, GR

- Responsible for monitoring company's infrastructure and coordinating technical tickets.
- Team leader of tier-1 engineers since Sept 2016.

SKILLS

Programming Languages
Python, Scala, SQL. Familiar with Java and R.

Database Systems
Postgres, Cassandra, Redshift, BigQuery.

Other techs & Tools
Docker, Keras, Pytorch, Git

EDUCATION

M.Sc. in Business Analytics

Athens University of Economics and Business

📅 Sept 2016 – Dec 2018

- Grade: 9.16/10.00 ("Excellent"), 2nd highest GPA.
- Dissertation: "Data Analytics and Research Assessment: A Case Study in Health and the Cardiovascular Diseases", Grade: 10.00/10.00,

M.Eng. in Electrical & Computer Engineering

National Technical University of Athens

📅 Sept 2011 – Mar 2016

- Grade: 7.62/10.00 ("Very Good"), Dissertation Grade: 10.00/10.00
- Acquired 5-year diploma in 4.5 years.

SCHOLARSHIPS & AWARDS

- **2019** Award of excellence (awarded from AUEB to the student with the 2nd highest GPA)
- **2019** Honorary award of excellence (awarded from AUEB for academic year 2017-2018)
- **2018** Honorary award of excellence (awarded from AUEB for academic year 2016-2017)
- **2018-2020** Conference Scholarship recipient for PyData 2018 (Warsaw), Flink Forward 2019 (Berlin), SREcon 2019 (Dublin) & Web Summit 2019 (Lisbon).

CERTIFICATIONS

- **Neural Networks & Deep Learning**, Credential ID YMA38FPHYCZL (Coursera)
- **Text Mining & Analytics**, Credential ID 3Q9DT4JZL98X (Coursera)
- **Machine Learning**, Credential ID G3ND48W25MFG (Coursera)
- **Natural Language Processing Nanodegree**, Credential ID 6GML6S47 (Udacity)

LANGUAGES

Greek	●●●●●
English	●●●●●
Spanish	●●●○○