

MARKOU ELENI

Senior Machine Learning & Software Engineer

@ eamarkou@gmail.com

in linkedin.com/in/eamarkou

https://www.emarkou.com/

github.com/emarkou

EXPERIENCE

Senior Machine Learning Software Engineer

BEAT

Feb 2021 – present Athens, GR/Remote

- Building and deploying deep learning models for dynamic pricing, as part of the pricing team.
- Working on improving continuous delivery and automation pipelines for machine learning systems.

Machine Learning Software Engineer

METIS Cyberspace Technology

Apr 2020 – Feb 2021 Athens, GR

- Worked on large-scale regression system for timeseries prediction with technology stack centered on Spark, Python and scikit-learn.
- Contributed to micro-services based on Java8 and Spring-Boot and data engineering project using Scala.

Machine Learning Software Engineer

VAIX.ai

Mar 2019 – Apr 2020 London, UK/Remote

- Worked on a transformer-based recommender system. Lead developer since December 2019.
- Undertook R&D projects for text classification tasks over conversational data using transfer learning.

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.
- Carried out adhoc machine learning projects and blogged on machine learning topics.

Support Engineer

GRnet - Greek Research and Technology Network

Sept 2015 – Jan 2017 Athens, GR

- Helpdesk agent promoted to Support Engineer.
- Monitored company's infrastructure and coordinated 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

Spark, 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 (Distinction), 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, Dissertation Grade: 10.00/10.00
- Acquired 5-year diploma in 4.5 years.

PUBLICATIONS

Conference Proceedings

- Papadimitriou, Michail et al. (2021). "Multiple-Tasks on Multiple-Devices (MTMD): Exploiting Concurrency in Heterogeneous Managed Runtimes". In: *Proceedings of the 17th ACM SIGPLAN/SIGOPS International Conference on Virtual Execution Environments*. VEE 2021. Virtual: Association for Computing Machinery, pp. 125–138.

SCHOLARSHIPS & AWARDS

- 2019 Award of excellence (awarded from AUEB to the student with the 2nd highest GPA)
- 2018 & 2019 Honorary award of excellence (awarded from AUEB for academic years 2016-2017 2017-2018)
- 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)
- NLP Nanodegree, Credential ID 6GML6S47 (Udacity)

LANGUAGES

Greek

English

Spanish

