

MARKOU ELENI

Machine Learning & Software Engineer

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Athens, GR

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EXPERIENCE

Machine Learning Software Engineer

VAIX.ai

Mar 2019 – Apr 2020

Athens, GR

- Develop & deploy deep learning models for casino games recommendation systems using Tensorflow Keras.
- Develop, deploy and optimize APIs using Django web framework.
- Literature review and experimentation with state-of-the-art architectures (e.g. Transformer)
- Participating in feasibility tests for new technologies (programming languages, data storage and processing solutions etc)
- Lead developer in company's largest recommender project since December 2019.

Data Scientist

Blendo.co

Feb 2017 – Feb 2019

Athens, GR

- Exploration, analysis & interpretation of data using statistical techniques and provide ongoing reports.
- Design of data models, optimized for statistical efficiency and quality.
- Automating analyses and authoring pipelines using SQL and Python.

Network Operation Center Engineer (Tier-1)

GRnet - Greek Research and Technology Network

Sept 2015 – Jan 2017

Athens, GR

- Monitoring systems' software, hardware and related infrastructure.
- Assist in planning and implementation of hardware and software projects.
- Team leader of tier-1 engineers since Sept 2016.

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.

SKILLS



Programming Languages

Professional level knowledge of Python, R & SQL and familiarity with Java, Scala & C.



Database Systems

PostgreSQL, MS SQL, Redshift, BigQuery, MongoDB, Neo4j.



Other techs & Tools

Docker, Tensorflow Keras, Git

CERTIFICATIONS

Neural Networks & Deep Learning

Credential ID YMA38FPHYCZL (Coursera)

Text Mining & Analytics

Credential ID 3Q9DT4JZL98X (Coursera)

Machine Learning

Credential ID G3ND48W25MFG (Coursera)

Blockchain Basics

Credential ID EPCAEUT6D3J9 (Coursera)

Natural Language Processing Nanodegree

Credential ID 6GML6S47 (Udacity)

Deep Learning Nanodegree

Ongoing (Udacity)

Algorithmic Design & Techniques

Ongoing (Edx)

LANGUAGES

Greek
English
Spanish



SCHOLARSHIPS & AWARDS

- 2019 Honorary award recipient (awarded from AUUEB to the student with the 2nd highest GPA)
- 2018 PyData Warsaw Conference Scholarship recipient (awarded from NumFocus to selected women candidates engaged in machine learning)