

# MARKOU ELENI

## Machine Learning & Software Engineer

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Athens, GR

## RESEARCH INTERESTS

Machine Learning, Deep Learning, Natural Language Processing, Text Classification, Text Mining, Information Extraction, Transfer Learning

## EXPERIENCE

### Machine Learning Software Engineer

#### METIS Cyberspace Technology

Jun 2020 – present Athens, GR

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

### Machine Learning Software Engineer

#### VAIX.ai

Mar 2019 – Apr 2020 Athens, GR

- 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

- Implemented unsupervised algorithms for customer segmentation.
- Worked on automating analyses and reporting with technology stack centered on Python, SQL and R.
- Carried out adhoc machine learning projects in collaboration with clients' data science team and blogged on machine learning topics.


### Junior Systems & Services Engineer


#### GRnet - Greek Research and Technology Network


Sept 2015 – Jan 2017 Athens, GR

- 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**  
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 Py-Data 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

