



NEMANIA BOROVITS

Data Scientist

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Professional skills

Data Analysis:



Programming language: Python.

Data engineering: Apache Spark, Apache Kafka, Logstash.

Data Visualization: Plotly Dash, Matplotlib, Seaborn, Kibana.

Machine learning: Scikit-learn, NumPy, Pandas.

Deep learning: TensorFlow, Keras, PyTorch.

NLP: NLTK, Hugging face Transformers, spaCy, gensim, t-SNE.

Web Crawling: BeautifulSoup

Back-end Development:



Data modeling: Microsoft SQL Server, MongoDB

ORM: nHibernate, Entity Framework.

Business Logic: asp .net MVC, asp .net (C#).

API: asp .net Web API 2 (C#), Flask

Web Services: SOAP, RESTful (C#, Python).

Front-end development:



Summary

A passionate Data Scientist from Thessaloniki, Greece located in 's-Hertogenbosch, the Netherlands. After gaining invaluable domain knowledge regarding web development for 5 years in Greece, I decided to specialise my skill set in the domain of Data Science. Currently, I have successfully graduated with a Master's in Data Science & Entrepreneurship and I am pursuing related career opportunities in the business world.

Professional Experience

15/10/2019 - **Data Science Research Assistant**

31/03/2020 **Tilburg University**

I performed academic research in the domain of Infrastructure as Code (IaC).

The practical part of the work included:

1. Data collection.
2. Data verification.
3. Data cleaning and preparation.
4. Data pre-processing.
5. Deep learning model development.
6. Model evaluation and tuning.
7. Model deployment.

The result of my work is an academic paper which was submitted (having my name as first) for the Workshop on Machine Learning Techniques for Software Quality Evaluation (MaTeSQuE).

The carried out research applies Deep Learning (CNN) in order to detect name-based bugs in Infrastructure as Code (IaC).

10/04/2013 - **Senior Web Developer**

17/08/2018 **Mouzenidis Group**

Lead the development of websites for member-companies of Mouzenidis Group holding (front-end, back-end or both). Participated in 56 projects. SEO principles included.

Team Lead for the development and maintenance of:

- 1) Mouzenidis Travel hotel booking system (<https://www.mouzenidis-travel.ru/tours/search>).
- 2) Mouzenidis Travel flight booking system (<https://www.mouzenidis-travel.ru/online/avia/search>).
- 3) Ellinair airline booking system (<https://en.ellinair.com/>).
- 4) Mouzenidis Group CMS, User training included. (<https://cms.mouzenidis.com/adminb>).
- 5) Mouzenidis Travel API (hotel prices, availability etc, <http://api2.mouzenidis-travel.com/apidocs/index>).

Responsible for Web Server (Microsoft IIS) management and maintenance.

Education

27/08/2018 - **MSc Data Science & Entrepreneurship**

10/07/2020 **Jheronimus Academy of Data Science**

01/10/2006 - **BSc in Applied Informatics**

18/07/2012 **University of Macedonia**

Web skills: HTML5, Javascript, jQuery, AJAX, JSON, CSS, Bootstrap.

JS Frameworks: React js, Knockoutjs, VueJs.

Source control tools:



GitHub, BitBucket, Mercurial

Languages

Mother tongues:

Greek, Serbian.

Other languages:

English: IELTS, Proficiency in English University of Michigan.

Russian: Basic communication skills / working knowledge.

Organisational Competencies

Creating and keeping deadlines

Project management

Teamwork

Goal setting and meeting goals

Creative thinking

Strategic thinking

Other interests

Artificial intelligence ethics enthusiast.

Jogging, playing football, cooking and travelling.