



# NEMANIA BOROVITS

## Machine Learning Engineer

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## Professional skills

### Data Analysis:



**Programming language:** Python.

**Data engineering:** Apache Spark, Apache Kafka, Logstash.

**Data Visualization:** Kilbana, plotly Dash, Matplotlib, Seaborn.

**Data mining:** SciPy, NumPy, Pandas, Scikit-learn.

**Deep learning:** TensorFlow, Keras, PyTorch.

**NLP:** NLTK, TextBlob, Gensim, spaCy, 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:



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

## Summary

A passionate machine learning engineer 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 enrich my skill set in the field of Data Science. Currently, finalizing a 2 year MSc program and exploring career options towards Business Intelligence.

## Professional Experience

### 15/10/2019 - Student Research Assistant

Present

#### Tilburg University

EU funded university project.

Developing and deploying an API for reliable data collection given the desired performance specifications.

Developing a machine learning model by applying NLP techniques in order to achieve the desired KPIs.

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

17/08/2018

#### Mouzenidis Group

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

Participated in the development and maintenance of Mouzenidis Travel hotel booking system (<https://www.mouzenidis-travel.ru/tours/search>).

Participated in the development and maintenance of Mouzenidis Travel flight booking system (<https://www.mouzenidis-travel.ru/online/avia/search>).

Participated in the development and maintenance of Ellinair airline booking system (<https://en.ellinair.com/>).

Participated in the development and maintenance of Mouzenidis Group CMS (<https://cms.mouzenidis.com/adminb>). User training included.

Participated in the development of 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

Present

#### Jheronimus Academy of Data Science

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

18/07/2012

#### University of Macedonia

**Dissertation:** E-shop development using Joomla! and VirtueMart.

## Languages

### Mother tongues:

Greek, Serbian.

### Other languages:

English: IELTS, Proficiency in English University of Michigan.

Russian: Basic communication skills / working knowledge.

**JS Frameworks:** Knockout.js, React.js.

Source control tools:



BitBucket, GitHub, Mercurial

## Organisational Competencies

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Creating and keeping deadlines

Goal setting and meeting goals

Project management

Creative thinking

Teamwork

Strategic thinking

## Other interests

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Basketball, Football. Penetration testing - Ethical Hacking.