

# Panagiotis Simakis

## Curriculum Vitae

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### Education

- 09/2010 – 02/2017 **Diploma (equivalent to B.Eng + M.Eng)**, Department of Computer Engineering & Informatics, School of Engineering, University of Patras, GPA – 6.87.  
**Thesis:** Design and Implementation of a Methodology for the Automatic Identification of the User Geographic Idiom in a Social Media Text Corpus.  
supervisor: Megalooikonomou Vasileios, grade: 10/10
- 2007–2010 **Ptychion**, Patras Experimental High School, grade: "Very good".

### Working Experience

- 05/2020 – Present **Data Engineer**, CONVERT GROUP, Athens.  
○ ETL Pipelines  
○ Deployment of Machine Learning models
- 02/2017 – Present **Data Scientist**, XPLAIN, Athens.  
○ Data mining using state-of-the-art and disruptive methods  
○ Text Mining and Natural Language Processing  
○ Design Distributed Web Crawlers  
○ Database engineering and designing data flows and pipelines
- 03-06/2016 **Junior Web Developer – Intern**, SOCIALITY, Athens.  
○ Web development using Wordpress CMS  
○ Wordpress plugin development for Woocommerce e-commerce plugin  
○ Custom functions for Wordpress CMS

### Technical Skills

#### Programming/Markup Languages

- |               |             |                                      |
|---------------|-------------|--------------------------------------|
| ○ Python 𐀀𐀀   | ○ PHP 𐀀𐀀    | ○ L <sup>A</sup> T <sub>E</sub> X 𐀀𐀀 |
| ○ HTML/CSS 𐀀𐀀 | ○ Matlab 𐀀𐀀 | ○ Bash 𐀀𐀀                            |

#### Databases/Big Data

- |                    |                       |                           |
|--------------------|-----------------------|---------------------------|
| ○ MySQL/MariaDB 𐀀𐀀 | ○ Apache Cassandra 𐀀𐀀 | ○ Apache Spark/PySpark 𐀀𐀀 |
| ○ Redis 𐀀𐀀         | ○ ELK Stack 𐀀𐀀        | ○ Apache Solr 𐀀𐀀          |

#### Data Science/NLP

- |             |                   |            |
|-------------|-------------------|------------|
| ○ NLTK 𐀀𐀀   | ○ Numpy 𐀀𐀀        | ○ Keras 𐀀𐀀 |
| ○ Pandas 𐀀𐀀 | ○ Scikit-Learn 𐀀𐀀 | ○ Spacy 𐀀𐀀 |

## Web Scraping

- lxml 📄
- Selenium 📄
- Scrapy 📄
- BeautifulSoup 📄

## Web Technologies

- Django 📄
- RESTful 📄
- FastAPI 📄

## Version control Systems/Platforms

- Git 📄
- Github 📄
- Bitbucket 📄

## Miscellaneous Tools

- Docker 📄
- Docker Swarm 📄
- Celery 📄

## Languages

- Greek Native
- English Certificate of Proficiency in English, The University of Michigan (level C2)
- French Delf A2

## Certifications

- 02/2020 **Applied Text Mining in Python** – Coursera 🔗
- 02/2020 **Sequences, Time Series and Prediction** – Coursera 🔗
- 12/2017 **Spark and Python for Big Data with PySpark** – Udemy 🔗
- 04/2017 **Solr 101** – Big Data University 🔗

## Conferences

- 03/2019 **Open conference**, Athens.
- 11/2017 **2th DevOps Conference 2017**, Athens.
- 11/2017 **10th Conference of Free and Open Source Software Communities**, Athens.
- 05/2011 **4th Conference of Free and Open Source Software Communities**, Patras.

## Interests

- GNU/Linux
- Machine Learning
- NLP

## Activities

- Photography
- Music
- Sailing