

# Panagiotis Simakis


## Curriculum Vitae

Athens, Greece

 [simakis.me](https://simakis.me)

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### Summary

Software Engineer with more than 5 years of working experience in the field of Software Development, Data Science, Data Engineering & MLOps. Has worked in various sectors from Digital Marketing to e-Commerce. Loves to work with Modern Data Stacks and to productize Machine Learning Systems. He usually contributes to FOSS projects during the nights.

### Working Experience

- 10/2021 – **Senior Data Engineer**, *Netdata*, Remote.  
Present **Technologies:** *Airflow, BigQuery, GCP, Docker*
- 05/2020 – **Data Engineer**, *Convert Group*, Athens.  
09/2021 Development of ETL pipelines and data automation pipelines. Productize the inhouse ML services. Contribution on back-end development of eRetail Content platform.  
**Technologies:** *Prefect, AWS, Django/REST, Docker, PostgreSQL, Amazon Redshift, Celery*
- 02/2017 – **Data Scientist**, *XPLAIN*, Athens.  
04/2020 Data and Text Mining using state-of-the-art and disruptive methods. Design and development of distributed web crawlers. Database administration and optimization. Implementation of workflow pipelines. Deployment of ML models to production as RESTfull API services.  
**Technologies:** *Python, MySQL, Celery, Docker Swarm, ELK, spaCy, NumPy/pandas*
- 03-06/2016 **Junior Web Developer – Intern**, *Sociality*, Athens.  
Web development using WordPress. Implementation of WordPress plugins for Woocommerce. Development of custom functionalities for WordPress.  
**Technologies:** *WordPress, MySQL, JavaScript, HTML/CSS*

### Technical Skills

#### Programming & Markup Languages

- Python
- Shell Script
- SQL
- PHP

#### Databases & Big Data

- MySQL
- Redis
- PostgreSQL
- Elastic Stack

#### Data & ML Workflow Platforms

- Prefect
- MLflow
- Apache Airflow

#### Data Science & NLP

- pandas/NumPy
- scikit-learn
- Keras
- spaCy

#### Web Scraping

- lxml
- Selenium
- Scrapy
- Beautiful Soup

#### Web Frameworks

- Django/REST
- FastAPI

## Version Control Systems & Platforms

- Git
- Github
- Bitbucket 

## 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".

## Languages

Greek **Native**

English **Proficient**

*Certificate of Proficiency in English, The University of Michigan*

French **Elementary**

*Delf A2*

## Certifications & Conferences

12/2021 **Architecting with Google Kubernetes Engine Specialization** *Coursera* 

10/2020 **AWS Fundamentals Specialization** *Coursera* 

03/2019 **Open conference** *Athens, Greece*

12/2017 **Spark and Python for Big Data with PySpark** *Udemy* 

2011, 2017 **4th & 10th Conference of FOSS** *Patras, Athens, Greece*

the full list: 

## Publications

- 1 Simaki, V., **Simakis, P.**, Paradis, C., & Kerren, A. (2018). Detection of Stance-Related Characteristics in Social Media Text. In SETN '18: 10th Hellenic Conference on Artificial Intelligence New York: Association for Computing Machinery, Inc. DOI: 10.1145/3200947.3201017
- 2 Simaki, V., **Simakis, P.**, Paradis, C., & Kerren, A. (2017). Identifying the Authors' National Variety of English in Social Media Text. In *Proceedings of RANLP 2017 - Recent Advances in Natural Language*, ACL Anthology (in press)

## Interests

- GNU/Linux
- MLOps
- NLP
- FOSS

## Activities

- Photography
- Traveling
- Hiking
- Sailing