

Panagiotis Simakis

Curriculum Vitae

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*
- 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 data pipelines.
Technologies: *Python, MySQL, Celery, Docker, Elastic Stack, 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, JavaScript, HTML/CSS*

Technical Skills

Programming & Markup Languages

○ Python 📊 ○ Bash 📊 ○ SQL 📊 ○ PHP 📊 ○ LaTeX 📊

Databases & Big Data

○ MySQL 📊 ○ Redis 📊 ○ PostgreSQL 📊 ○ Elastic Stack 📊

Data Science & NLP

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

Web Scraping

○ lxml 📊 ○ Selenium 📊 ○ Scrapy 📊 ○ BeautifulSoup 📊

Web Frameworks

○ Django/REST 📊 ○ FastAPI 📊

Version Control Systems & Platforms

○ Git 📊 ○ Github 📊 ○ Bitbucket 📊

Misc Tools

- Prefect 
- Docker 
- Docker Swarm 
- Celery 

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

- 10/2021 **Google Cloud Fundamentals: Core Infrastructure** *Coursera* 
- 10/2020 **AWS Fundamentals Specialization** *Coursera* 
- 02/2020 **Applied Text Mining in Python** *Coursera* 
- 02/2020 **Sequences, Time Series and Prediction** *Coursera* 
- 03/2019 **Οπε\ν conference** *Athens, Greece*
- 12/2017 **Spark and Python for Big Data with PySpark** *Udemy* 
- 11/2017 **2th DevOps Conference 2017** *Athens, Greece*
- 11/2017 **10th Conference of Free & Open Source Software Communities** *Athens, Greece*
- 05/2011 **4th Conference of Free & Open Source Software Communities** *Patras, Greece*

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
- Machine Learning
- NLP

Activities

- Photography
- Music
- Sailing