Panagiotis Simakis

Curriculum Vitae

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Working Experience

10/2021 – Present	**Senior Data Engineer**, NETDATA, Remote. **Technologies**: *Airflow, BigQuery, GCP, Docker*
05/2020 – 09/2021	**Data Engineer**, CONVERT GROUP, Athens. 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 – 04/2020	**Data Scientist**, XPLAIN, Athens. 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 ▪ ○ Beautiful Soup ▪

Web Frameworks

○ Django/REST ▪ ○ FastAPI ▪

Version Control Systems & Platforms

○ Git ▪ ○ Github ▪ ○ Bitbucket ▪

Misc Tools

- Prefect 📊
- Docker 📊
- Docker Swarm 📊
- Celery 📊

Education

09/2010 – **Diploma (equivalent to B.Eng + M.Eng)**, *Department of Computer Engineering &*
02/2017 *Informatics, Shcool 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 Mishigan*
French	**Elementary**	*Delf A2*

Certifications & Conferences

10/2021	**Architecting with Google Kubernetes Engine: Foundations**	*Coursera* 🔗
10/2021	**Google Cloud Fundamentals: Core Infrastructure**	*Coursera* 🔗
10/2020	**AWS Fundamentals Specialization**	*Coursera* 🔗
02/2020	**Applied Text Mining in Python**	*Coursera* 🔗
03/2019	**Oπe\n 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