Panagiotis Simakis

Curriculum Vitae

Athens, Greece
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Working Experience

05/2020 – Present **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 – 02/2017 **Diploma (equivalent to B.Eng + M.Eng)**, *Department of Computer Engineering & 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

10/2020	**AWS Fundamentals Specialization**	*Coursera* 🔗
02/2020	**Applied Text Mining in Python**	*Coursera* 🔗
02/2020	**Sequences, Time Series and Prediction**	*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*
04/2017	**Solr 101**	*Big Data University* 🔗
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