Panagiotis Simakis

Curriculum Vitae

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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 – 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, Celery*

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 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
- Bash
- 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, 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* 🔗
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*
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