Panagiotis Simakis

Curriculum Vitae

Athens, 115 27, Greece

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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.

EXPERIENCE

- **Netdata**

  Senior Data Engineer   *Oct. 2021 - Present*

  Development of ETL pipelines.
  Technologies: *Airflow, BigQuery, GCP, Docker*

- **Convert Group**   Athens, Greece

  Data Engineer   *May 2020 - Sep. 2021*

  Development of ETL pipelines and data automation pipelines. Productize the inernal Machine Learning services. Contribute on back-end development of eRetail Content platform.
  Technologies: *Prefect, AWS, Django/REST, Docker, PostgreSQL, Amazon Redshift, Celery*

- **XPLAIN**   Athens, Greece

  Data Scientist   *Feb. 2017 - Apr. 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*

- **Sociality**   Athens, Greece

  Junior Web Developer – Intern   *Feb. 2016 - June 2016*

  Web development using WordPress. Implementation of WordPress plugins for Woocommerce. Development of custom functionalities for WordPress.
  Technologies: *WordPress, PHP, MySQL, JavaScript, HTML/CSS*

TECHNICAL SKILLS

- **Programming & Markup Languages**: Python, Shell, 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

- **Department of Computer Engineering & Informatics, University of Patras**   Patras, Greece

  Diploma (equivalent to B.Eng + M.Eng); GPA: 6.87   *Sep. 2010 – Feb. 2017*

  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

LANGUAGES

- **Greek**: Native

- **English**: Proficient   *Certificate of Proficiency in English, The University of Mishigan*

- **French**: Elementary   *Delf A2*

Certifications & Conferences

- **Architecting with Google Kubernetes Engine Specialization**: Coursera 🔗   *Dec. 2021*

- **AWS Fundamentals Specialization**: Coursera 🔗   *Nov. 2020*

- **Oπe\n conference**: Athens, Greece 🔗   *Mar. 2019*

- **Spark and Python for Big Data with PySpark**: Udemy 🔗   *Dec. 2017*

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

the full list

Publications

- Simaki, V., **Simakis, P.**, Paradis, C., & Kerren, A. (2018). Detection of StanceRelated 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

- 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, F/OSS

Activities

Photography, Traveling, Hiking, Sailing