

# Panagiotis Simakis

## Curriculum Vitae

### Working Experience

- 05/2020 – **Data Engineer**, CONVERT GROUP, Athens.  
Present Development of ETL pipelines and data automation pipelines. Contribution on back-end development of eRetail Content platform.  
**Technologies:** *Prefect, AWS, Django/REST, Docker, PostgreSQL, 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 📊
- L<sup>A</sup>T<sub>E</sub>X 📊

#### 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 📊

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## 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".






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## Languages

- Greek **Native**
- English **Proficient** *Certificate of Proficiency in English, The University of Michigan*
- French **Elementary** *Delf A2*

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## 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 **Open 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*

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## 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)

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## Interests

- GNU/Linux
- Machine Learning
- NLP

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## Activities

- Photography
- Music
- Sailing