

Petros *****

Athens
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Summary

A **software engineer** working in the network security industry, skilled in Python and data engineering. Since Edinburgh, I developed a strong interest for machine learning and in the last couple of years for Natural Language Processing. I hold a BSc in Physics and a MSc in Computer Science from *The University of Edinburgh*.

Interests: NLP, Machine Learning, Data Engineering, Functional programming, Python, Linux.

Languages: fluent English and Greek, intermediate German(C1).

Employment

Senior Software Engineer, Data Analytics, Encode S.A. Athens 2015 - now
Development of a big data analytics engine, powered by Apache Spark, Splunk and Elasticsearch, that leverages ML and statistics to detect security threats in web traffic. Our team managed to redesign and implement the architecture for company networks of 100K users.

Python Software Developer, Web Applications, Neuropublic, Athens 2014 - 2015
Back-end Python development of precision agriculture web applications, predicting crop returns according to models evaluating nutrition and environmental conditions.

Intern Software Engineer, Data Acquisition, Skyscanner, Edinburgh 2012 - 2013
Successfully took over BAU main team responsibilities involving development and maintenance of API/Scrapers in Python, acquiring fare prices from airlines and communication with third parties on specification settling.

Computer Lab Assistant, Athens Kapodistrian University, Physics Dep. 2008 - 2009
Helped in tutoring a lab class of 40 undergraduates in the basic concepts of programming, in C.

Education

MSc Computer Science, University of Edinburgh, Grade: 69/100 2011-2012
Design and Analysis of Parallel Algorithms, Parallel Design Patterns, Cloud Computing and Big Data processing.

MSc Electronic Automation and Information Systems, University of Athens 2007 - 2009
Participated the program. The program acts as a conversion course to Computer Science.

BSc Physics, University of Athens, Grade: 6.7/10 2007
Specialty in applications: DSPs, Telecommunications, C. Advanced Math and Physics classes.

Erasmus Exchange Student, University of Bonn, Germany 2004-2005
Travelled and interacted with people from across Europe.

Other

Participated in the Word Embeddings Challenge for the Greek language, by National Bank of Greece, 2019.

Attended the first Athens NLP Summer School, in 2019.

Participated the meetings of the NLP Group of the AUEB Informatics Department, in 2019.

Covered the Fast.ai Practical Deep Learning for Coders Part 1 MOOC, in late 2018.

Completed the OCDevel Machine Learning Guide, in 2018.

Completed the UW Programming Languages in *Coursera* taught by Dan Grossman, in 2013

Developed a library of relational operators using the MapReduce programming model on multicore shared-memory systems, as a Master Thesis for *The University of Edinburgh*. Graded with distinction, while the Thesis document (with the code) are posted on **Github**, 2012.