

Paschalis Tsilias

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Personal

Tenacious Physics MSc student with strong analytical skills, a robust technical background, and hands-on experience on the IT sector. Looking forward to pair my graduate studies with an opportunity on a larger scale of operations, where I can solve challenging problems, cooperate in a team setting and engineer effective solutions on real-world problems. I blog at tpaschalis.github.io about solving problems, code and academia.

Education

MSc Computational Physics, AUTH	2018-2019
<i>Data Analysis, Advanced Statistics, Numerical Methods, HPC</i>	
Greek Army Mandatory Service	2017
BSc Physics, AUTH	2011-2017
<i>Software Simulations, Development of a Data Acquisition and Analysis system</i>	

Employment

Research Student Internship, KAIST, South Korea	2016
<i>C++ code, Monte Carlo simulations, Pattern Recognition</i>	
The Web Navarinou, Systems Engineer Role	2013 - 2016
<i>Developed data parsing and automation tools, Supported Server and Network Infrastructure Disk Imaging, Workstation Architecture, Lifecycle and Deployment of corporate software</i>	
The Web Navarinou, Customer Service	2011-2014

Skills and Projects

Python	Bash	C/C++	Git	Vim
SciPy stack	(NumPy, Pandas, Pyplot)	Matlab	Mathematica	MS Excel
Flask - Django	Apache		SQL	ROOT
Linux Administrator	Data Mining/Parsing	Data Analysis	Advanced Statistics	Visualization

I like to build, break, tinker VMs and experiment with Linux servers.

I developed tweetstream.space that allows indexing tweets in specific timeframes.

I like to analyze NBA statistics from basketball-reference.com

Coursera's Machine Learning course.