

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.

Education

MSc Computational Physics, AUTH	2018-2019
Greek Army Mandatory Service	2017
BSc Physics, AUTH	2011-2017

Employment

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

Publications

Simulation and Track Reconstruction Techniques for the J-PARC muon g-2 experiment – on behalf of J-PARC g-2/EDM collaboration. Sep 2016, XIIth Quark Confinement and the Hadron Spectrum

Core Competencies

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