

Paschalis Tsilias

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Personal

Resourceful SWE and Physics MSc, with strong analytical skills, a robust technical background, and hands-on experience in the IT sector. Looking forward to setting new challenges, cooperating in a team setting and engineering effective solutions in real-world problems. Vim person.

Education

MSc Computational Physics, AUTH 2018-2019
Data Analysis, Advanced Statistics, Numerical Methods, HPC

Greek Army Mandatory Service 2017

BSc Physics, AUTH 2011-2017
Software Simulations, Development of a Data Acquisition and Analysis system

Employment

Software Engineer, Sigmia/Oracle **March 2018 - Present**
Back end development and maintenance of complex decision support systems for multinational corporations. I make sure our systems are robust, documented, testable and follow the principle of least astonishment.
Linux Administration Agile Development in Python and Go, Data Analysis
Oracle Retail Predictive Application Server MOLAPs, Oracle DB, Shell Scripting

Research Internship, KAIST, South Korea **Q3 2016**
C++ code, Monte Carlo simulations, Pattern Recognition

The Web Navarinou, Systems Engineer Role **2013 - 2016**
Developed automation and monitoring applications, as well as data parsing tools. Responsible for the Server and Network infrastructure reliability, as well as the life-cycle and deployment of critical corporate software.

Skills and Projects

Python (numpy/pd/pyplot)	Go	Bash	Git
Concurrency	Virtualization	LXC/Docker	Jenkins
Linux Sysadmin	Vim	AWS	Heroku
SQL (SQLite/Postgres)	OLAP	Flask	Apache
Data Analysis	Advanced Statistics	Data Visualization	L ^A T _E X

Developed a rudimentary ray tracer, a ray marcher and am currently building a renderer in Go, available on Github.

Am currently building a scale-able pastebin clone with a twist.

Published tweetstream.space which allows indexing tweets in specific timeframes.

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