

## EDUCATION

2011 – 2013	<b>Master of Science</b> COMPUTER SCIENCE <i>ETH Zurich</i> GPA: 5.5/6
Master Thesis	<b>Adaptive filters for optimizing range query processing on data across multiple physical locations</b> <i>Supervised by Donald Kossmann</i> GRADE: 6/6
2007 – 2011	<b>Bachelor of Science</b> COMPUTER SCIENCE <i>University of Athens</i> GPA: 9.3/10 – Top graduate in fall 2011

## WORK EXPERIENCE

NOVEMBER 2015 - PRESENT

### Lead Data Engineer at Tracktics GmbH, Zurich

Responsible for creating internal tools and automated processes to keep the data organized and to evaluate and produce reports for the accuracy of different approaches to fuse GPS with inertial sensor data. Working with Python, C and MATLAB.

SEPTEMBER 2013 - JUNE 2015

### Software Developer at Teralytics AG, Zurich

Worked with geospatial databases (PostgreSQL), Apache Hadoop, Spark and other data analysis libraries to provide business insights on large volumes of data. Developed solutions for complex data analytics, visualizations, reports, data management and integration in Python, Scala and Java.

MARCH 2013 - JUNE 2013

### Software Engineering Intern at Google, Zurich

Worked with Google Web Toolkit on the Youtube Analytics Team. Responsibilities included database migration and data analysis.

## NOTABLE FREELANCE WORK

### Python and Data Engineering Tutor, online

Micro-consulting via [codementor.io](http://codementor.io)

### Mentor at Andela, online

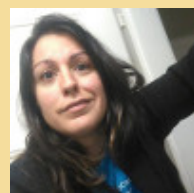
Mentored talented programmers in Python, testing and programming patterns to prepare them for working remotely.

### Data Consultant for New Incentives, Zurich

Created a data pipeline in Scala to sync data daily across mobile devices and Google spreadsheets.

### QGIS Plugin Developer for OpenGis.ch, Zurich

Responsible for developing Python plugins for geospatial data management.



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## CORE COMPETENCIES

Languages	PYTHON, JAVA, SCALA C/C++, VHDL, SQL PHP, HTML, BASH JAVASCRIPT, L <sup>A</sup> T <sub>E</sub> X
Frameworks	Hadoop, Spark, pandas Redis, MongoDB, PostgreSQL JQuery, d3 Boost, CGAL Adobe Flash, FlashDevelop MATLAB, R, QGIS Open Office, Eclipse, IDEA, Vim

## AWARDS

2011	<b>Excellence and Opportunity Scholarship</b> <i>Systems Group at ETH Zurich</i>
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## SELECTED CONFERENCES AND ARTICLES

2015	Presented workshop at QGIS user & dev conference Nodebo, Denmark
2014	Presented published paper at VLDB 2014 Hangzhou, China
2014	Speaker at Pydata conference Berlin, Germany
2014	Speaker at Swiss Postgres conference Rapperswil, Switzerland
2014	Speaker at Swiss Big Data User Group Meetup Zurich, Switzerland