

## 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
Semester Project	<b>Computation of histograms on FPGAs</b> <i>Supervised by Gustavo Alonso</i> GRADE: 5/6
2007 – 2011	<b>Bachelor of Science</b> COMPUTER SCIENCE <i>University of Athens</i> GPA: 9.3/10 – Top graduate in fall 2011
Bachelor Thesis	<b>Refactoring and extending the ui of a cloud Management System, using Google Web Toolkit</b> <i>Supervised by Alex Delis</i> GRADE: 10/10

## 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.

FEBRUARY 2012 – MAY 2012

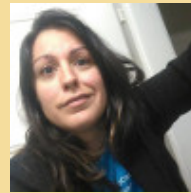
### Teaching Assistant for the Data Modeling and Databases course at ETH, Zurich

Taught basic and intermediate concepts of databases (eg. UML, Relational Models, Normal Forms, Transactions, SQL operators), created exercises for students and graded their final SQL and Java projects.

MARCH 2011 – JUNE 2011

### Game programmer at 4pi Publications, Athens

Created flash games for an educational magazine in ActionScript 3.0, working closely with sound and graphic artists.



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## COMPUTER SKILLS

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>
2009	<b>“Antonis Papadakis” scholarship</b> <i>Greek State Scholarships Foundation</i>
2009	<b>Ecopolis Award for Innovation in Ecology</b> <i>For a project proposal for monitoring vehicle-induced pollution</i>

## SELECTED CONFERENCES

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
2012	Presented Master Thesis at the ECC Workshop Brunnen, Switzerland