EDUCATION

2011 – 2013	**Master of Science**
	COMPUTER SCIENCE
	ETH Zürich
	GPA: 5.5/6 (also received scholarship)
Master Thesis	**Adaptive filters for optimizing range query processing on data across multiple physical locations**
	Supervised by Donald Kossmann
2007 – 2011	**Bachelor of Science**
	COMPUTER SCIENCE
	University of Athens
	GPA: 9.3/10 – Top graduate in fall 2011

WORK EXPERIENCE

MARCH 2017 - AUGUST 2018

Senior Software Engineer at siroop, Zürich

Worked in the data science and the web development team of a Swiss e-commerce platform with thousands of sales every day.

· bla1 item 1

• bla2 item 2

∗ bla3 item 3

MARCH 2017 - AUGUST 2017

Data Engineer at siroop, Zürich

Responsible for data management tasks, maintenance of infrastructure and for developing algorithms for the personalization of a Swiss e-commerce website. Technologies: Amazon Web Services as building blocks for data ingestion and processing, also pyspark, hive and presto. Introduced and set up airflow as a pipeline manager and databricks as a development environment.

NOVEMBER 2015 - FEBRUARY 2017

Lead Data Engineer at Tracktics GmbH, Zürich

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 intertial sensor data. Technologies: Python, C and MATLAB.

SEPTEMBER 2013 - JUNE 2015

Software Developer at Teralytics AG, Zürich

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, Zürich

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

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CORE COMPETENCIES

Software Craftmanship - Highly trained software engineer with agile mindset. Producing tested and modular code.

Full Stack development with Flask/Django, creating APIs, jQuery (focus on backend). Testing all across the test pyramid.

Devops - Automating deployment of services/data pipelines with Docker/Ansible. Knowledgeable about Amazon Web Services stack.

Data Engineering for Big Data - Productization of data science prototypes, managing communication between engineers, data scientists and business; building data pipelines and creating tools for continuous evaluation and data management. Experience with PostgreSQL, Hadoop and Scala/Spark and celery.

Data Science - Loading, exploring, creating interactive reports/visualizations for data in Python, combining diverse datasets and APIs, applying statistical methods.

SELECTED CONFERENCES AND ARTICLES

2017	Speaker at PyData Berlin conference: Patterns for Collaboration between Data Scientists and Software Engineers video
2016	Published reflections on the future of Data Pipelines and the future of Python for Data Science
2015	Tutorial with Python code snippets: Exploring a UFO sightings dataset
2015	Article: Common mistakes with Python and Big Data
2015	Workshop on visualizing geotemporal data QGIS user & dev conference (plugin co-authored)
2014	Presented published paper at VLDB 2014 (Master Thesis)
2014	Speaker at PyData Berlin conference on Mall Analytics (from prototype to product)

Selected Freelance Work

Node Developer for SignedBlock, Athens
Extended and dockerized a program for live collection of data from the cryptocurrency market.

QGIS Plugin Developer for OpenGis.ch, Zürich
Responsible for developing Python plugins for geospatial data management.

Python and Data Engineering Tutor, online
Micro-consulting via codementor.io on several data science/engineering projects.

Mentor at Andela, online
Mentored junior programmers in Python, testing and programming patterns to prepare them for working remotely.

Data Consultant for New Incentives, Zürich
Created a data pipeline in Scala to sync data daily across mobile devices and Google spreadsheets.

Languages

English, German and Spanish in full professional capacity. Greek as mother tongue, some French.

Personal Interests

Painting (have some professional training), Social Science, Travelling. I have combined my thinking/practice as a programmer with those of being an artist to create a Drawing for Techies Workshop, which I have run multiple times in Switzerland, Germany and the UK.