Georgios Antzigai

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Citizenship	EU, Greece
Residence	London, UK
LinkedIn	https://www.linkedin.com/in/ageorge
GitHub	https://github.com/ayorgo
The latest version of this CV	https://github.com/ayorgo/cv/blob/master/Georgios-Antzigai-CV.pdf

Summary

Full stack machine learning engineer.

Able to deliver machine learning solutions starting from data collection all the way to exposing the resulting model via APIs deployed in the cloud.

Apart from **R** (stats, dplyr, tidyr, ggplot2) and **Python** (scikit-learn, pandas, NumPy, SciPy, matplotlib, bokeh) I have extensive commercial experience with **SQL** (MS SQL Server, SQLite), building **REST**ful **API**s, **Test Driven Development** (unit testing, integration testing), **Continuous Integration/Deployment** (TeamCity, Jenkins, git, SVN), **cloud services** (AWS, Azure).

I also know a thing or two about probability theory, inferential statistics (point estimates, confidence/credible intervals, hypothesis/significance testing), exploratory data analysis (data wrangling, data visualization).

Courses

Machine Learning by Stanford University

Jan 2017
Coursera https://www.coursera.org/account/accomplishments/records/AL4F455VW4DX

Education

National Technical University of Ukraine "Kyiv Polytechnic Institute"

2005 - 2007
Solid-state physics, PhD study (not complete)
Approximate analytical model of anisotropic coordinate-sensitive radiation detector, comparison to numerical 3D-simulation. With the numerical simulation, a system of second-order nonlinear differential equations was solved taking into account the heats released (absorbed) by eddy thermoelectric currents:

- Snarskii A. A. Adzhigai G. V. Ascheulov A. A. Coordinate-sensitive anisotropic radiation detector. Analytical description and numerical simulation. Journal of Thermoelectricity. 2005, No. 1. - p.80-86.
- Snarskii A. A. Adzhigai G. V. Bezsudnov I. V. On the inherent figure of merit of thermoelectric composites. Journal of Thermoelectricity. 2005, No.4. - p.74-81. http://arxiv.org/abs/cond-mat/0609447
- Snarskii A. A. Adzhigai G. V. Bezsudnov I. V. Thermoelectric properties of macroscopically inhomogeneous media, 25th International Conference on Thermoelectrics - Vienna, Austria, 2006.

National Technical University of Ukraine "Kyiv Polytechnic Institute"

1999 - 2005
Applied mathematics, MSc

Experience

Data Scientist
May 2018 – Present time
ETX Capital etxcapital.com
Applying python to machine learning, data analysis, and reporting.

Software Engineer
Jun 2015 – Mar 2017 (1 year 10 months)
Zopa zopa.com
Worked on company's peer-to-peer lending platform:
- As a software engineer designed and enhanced core parts of the platform such as matching engine and repayment processing using C#
- As an occasional data analyst built advanced reporting solutions in T-SQL

Experienced Engineer
Jun 2014 – Feb 2015 (9 months)
InsightSoftware.com insightsoftware.com
Contributed to both server and client ends of company's bespoke BI system:
- Fixed and enhanced system's core SQL generating engine written in C#
- Maintained local JavaScript-based SVG graphics library including thorough refactoring, performance enhancements and development of key new features

.NET Developer
Apr 2013 – May 2014 (1 year 2 months)
EPAM Systems, Barclay's development center epam.com
Maintained, redesigned and enhanced corporate banking software within various teams or acting independently:
- Developed a set of multi-tier WCF services
- Created a data import and processing tool using advanced SQL and existing scheduling engine
- Set up continuous integration environments for the above-mentioned projects using TeamCity along with unit testing, code quality control (StyleCop and Sonar), and NuGet package management

.NET Web Developer
Sep 2011 – Apr 2013 (1 year 7 months)
Terrasoft bpmonline.com
Developed a web-based CRM on both front and back ends:
- Created a number of UI web controls using ExtJS, CSS, and HTML
- Integrated the Highcharts interactive library
- Developed various back-end solutions using C#, WCF, ASP.NET, and T-SQL

Senior System Dev. Consultant
Feb 2006 - Apr 2011 (5 years)
SimCorp Ukraine LLC simcorp.com
Developed and maintained custom investment management system within a team of 3 developers:
- Built data extraction/analysis utility using Dyalog APL and PL/SQL
- Took part in various development projects across the company as a senior consultant
- Coached and supervised junior developers