Georgios Antzigai

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StackOverflow	https://stackoverflow.com/users/4755520/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 solutions starting from data collection to establishing **Continuous Integration** pipelines and exposing the resulting model via **REST**ful **API**s.

I have solid experience in **inferential statistics** (point estimates, confidence/credible intervals, hypothesis/significance testing, time series analysis), supervised **machine-learning** (logit, k-NN, decision trees, ensemble boosting/bagging) and **exploratory data analysis** (data wrangling, data visualization) with applications in **Python** (statsmodels, scikit-learn, pandas, NumPy, matplotlib, seaborn) and **R** (stats, dplyr, tidyr, ggplot2) using relational databases and various dialects of **SQL** (MS SQL Server, SQLite).

Experience

Lead Data Scientist

Nov 2018 – May 2019

ETX Capital etxcapital.com

Leading the team of two data scientists

Data Scientist

May 2018 – Nov 2018

ETX Capital etxcapital.com

Applying python to machine learning, data analysis, and reporting.
- Established the python development and deployment pipelines for the company
- Built a classification model using scikit-learn + statsmodels packages for the model itself and pandas + matplotlib + seaborn for exploratory data analysis and data cleansing
- Productionised the above model in a form of RESTful APIs using Flask and Microsoft IIS
- Delivered numerous reporting solutions of various complexity using python and T-SQL

Self studying Data Science

Apr 2017 – May 2018

I quit my software development job to pursue my passion and dedicate all of my time and resources to studying probability, statistics, data analysis and machine learning

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 pipelines 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

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

National Technical University of Ukraine "Kyiv Polytechnic Institute"

1999 - 2005

Applied mathematics, MSc

Courses

Machine Learning by Stanford University

Jan 2017

Coursera https://www.coursera.org/account/accomplishments/verify/K6DZA8FSAPKP