

# Georgios Adzhygai

## Machine Learning and MLOps

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### EXPERIENCE

#### Machine Learning Engineer

Lyst | e-commerce

Nov 2019 - Jul 2022 · 2 yrs 7 mos

London, UK

- Led end-to-end development and maintenance of cloud-based machine learning pipelines in the company's search and ranking division, fostering collaboration between data science and software engineering for efficient experimentation and accelerated deployment
- Played a key role in designing and optimising multiple information retrieval and recommendation models, enhancing their overall performance

**Skills:** MLOps · Recommender Systems · Machine Learning · Python · Bash · Snowflake · Information Retrieval · Search Engines · Statistics · Linux · pandas · NumPy · Scikit-Learn · Amazon Web Services (AWS) · Terraform

#### Lead Data Scientist

ETX Capital | financial services

May 2018 - May 2019 · 1 year

London, UK

- Led a team of two data scientists
- Established Python development and deployment pipelines for the entire company from scratch
- Built a customer ranking model and deployed it through a RESTful API service
- Delivered numerous internal reporting solutions of varying complexity

**Skills:** MLOps · Machine Learning · Python · Bash · Statistics · Linux · pandas · NumPy · Scikit-Learn

#### Software Engineer

Zopa | fintech

### SKILLS

MLOps · Recommender Systems · Machine Learning · Python · Bash · Snowflake · Information Retrieval · Search Engines · Statistics · Linux · pandas · NumPy · Scikit-Learn · Amazon Web Services (AWS) · Terraform

### CITIZENSHIPS

Greece (EU), United Kingdom

### LANGUAGES

English

### UP TO DATE COPY OF THIS DOCUMENT

<https://github.com/ayorgo/cv/blob/master/georgios-adzhygai-cv.pdf>

Nov 2015 - Mar 2017 · 1 year 10 mos

London, UK

- Developed the company's peer-to-peer lending platform
- Designed and enhanced core parts of the platform including the matching engine and repayment processing

**Skills:** T-SQL · ASP.NET · .NET · C#

## **Experienced Engineer**

InsightSoftware.com | financial reporting

Jun 2014 - Feb 2015 · 9 mos

London, UK

- Contributed to both server and client ends of the company's bespoke BI system.
- Fixed and enhanced system's core SQL generating engine
- Maintained custom graphics library including thorough refactoring, performance enhancements and development of key new features

**Skills:** T-SQL · .NET · C#

## **.NET Developer**

EPAM Systems | banking

Apr 2013 - May 2014 · 1 year 2 mos

Kyiv, Ukraine

- Developed corporate banking software within various teams and independently
- Created a data import and processing tool using advanced SQL and a scheduling engine
- Set up continuous integration environments for the above-mentioned projects

**Skills:** T-SQL · .NET · C#

## **.NET Web Developer**

Terrasoft | customer relationship management

Sep 2011 - Mar 2013 · 1 year 7 mos

Kyiv, Ukraine

- Developed a web-based CRM on both front and back ends
- Integrated an interactive charts library into the web application

**Skills:** T-SQL · .NET · C# · JavaScript

## **Senior System Dev. Consultant**

SimCorp Ukraine LLC | investment management

Feb 2006 - Apr 2011 · 5 yrs 3 mos

Kyiv, Ukraine

- Developed a custom investment management system
- Built a data extraction/analysis utility
- Took part in various development projects across the company as a senior consultant

**Skills:** Dyalog APL/W

## EDUCATION

### **PhD student, Solid-state Physics (not complete)**

National Technical University of Ukraine 'Kyiv Polytechnic Institute'

2005 - 2007 · 2 yrs

Kyiv, Ukraine

Skills: COMSOL · Matlab

### **MSc, Applied Mathematics**

National Technical University of Ukraine 'Kyiv Polytechnic Institute'

2005 - 2007 · 2 yrs

Kyiv, Ukraine

**Skills:** Applied Mathematics · Statistics

## PUBLICATIONS

### **On the inherent figure of merit of thermoelectric composites**

<http://arxiv.org/abs/cond-mat/0609447>

Sep 2006

The paper introduces and analyzes a new characteristic of thermoelectric composites – their intrinsic figure of merit characterizing the influence of thermoelectric phenomena on the effective properties of composites and governing thermal into electric energy conversion within a composite.