

# Georgios Adzhygai

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## CITIZENSHIPS

Greece (EU), United Kingdom

## LANGUAGES

English (fluent), German (beginner)

## SELECTED SKILLS

MLOps, Recommender Systems, Machine Learning, Python, PyTorch, Bash, SQL, Information Retrieval, Search Engines, Statistics, Linux, Docker, Amazon Web Services (AWS), Terraform, Elasticsearch, L<sup>A</sup>T<sub>E</sub>X

## EXPERIENCE

### Data Professional

Freelance

Sep 2022 - Present

Darmstadt, Hesse, Germany

- Design, development, and deployment of recommender systems
- Fine-tuning of various off-the-shelf models

**Skills:** MLOps, Metaflow, Recommender Systems, Machine Learning, Python, PyTorch, Bash, Docker, Amazon Web Services (AWS)

### Machine Learning Engineer

Lyst, e-commerce

Nov 2019 - Jul 2022

London, UK

- Led end-to-end development of cloud-based machine learning pipelines
- Participated in the design and development of CTR and TCR prediction models, as well as search and recommendation systems
- As the company's first and only MLE, mediated the communication between data scientists and software engineers
- Mentored junior employees

**Skills:** Looker, Elasticsearch, Docker, Machine Learning, Python, Bash, Recommender Systems, Information Retrieval, Search Engines, MLOps, Metaflow, Snowflake, SQL, Statistics, Linux, Amazon Web Services (AWS), Terraform

### Lead Data Scientist

ETX Capital, financial services

May 2018 - May 2019

London, UK

- Led a team of two data scientists
- Established Python development and deployment pipelines
- Built a customer ranking model and deployed it through a RESTful API service

**Skills:** Tableau, Machine Learning, Python, Bash, SQL, MLOps, Statistics, Linux, pandas, NumPy, Scikit-Learn

## **Software Engineer**

Zopa, fintech

Jun 2015 - Mar 2017

London, UK

- Developed peer-to-peer lending platform
- Designed core platform components

**Skills:** SQL, ASP.NET, .NET, C#

## **Experienced Engineer**

InsightSoftware.com, financial reporting

Jun 2014 - Feb 2015

London, UK

- Contributed to server and client ends of the company's bespoke BI system
- Fixed and enhanced core SQL generating engine
- Developed custom graphics library

**Skills:** SQL, .NET, C#, JavaScript

## **.NET Developer**

EPAM Systems, banking

Apr 2013 - May 2014

Kyiv, Ukraine

- Developed corporate banking software
- Created data import and processing tool
- Set up continuous integration environments

**Skills:** SQL, .NET, C#

## **.NET Web Developer**

Terrasoft, customer relationship management

Sep 2011 - Mar 2013

Kyiv, Ukraine

- Developed web-based CRM on both front and back ends

**Skills:** SQL, .NET, C#, JavaScript

## **Senior System Dev. Consultant**

SimCorp Ukraine LLC, investment management

Feb 2006 - Apr 2011

Kyiv, Ukraine

- Developed custom investment management system
- Built data extraction and analysis utility

**Skills:** SQL, Dyalog APL/W

## **EDUCATION**

### **MSc, Applied Mathematics**

National Technical University of Ukraine "Kyiv Polytechnic Institute"

1999 - 2005

Kyiv, Ukraine