

# Georgios Adzhygai

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## CITIZENSHIPS

Greece (EU), United Kingdom

## LANGUAGES

English (fluent), German (beginner)

## SKILLS

MLOps, Recommender Systems, Machine Learning, Python, PyTorch, Scrapy, Bash, Snowflake, Information Retrieval, Search Engines, Statistics, Linux, Docker, Amazon Web Services (AWS), Terraform

## 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
- Web scraping

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

### Machine Learning Engineer

Lyst, e-commerce

Nov 2019 - Jul 2022

London, UK

- Led end-to-end development and maintenance of cloud-based machine learning pipelines for the company's search and ranking division
- Oversaw experimentation, deployment, and subsequent monitoring of machine learning models
- Developed a set of tools to streamline and cost-optimize cloud experimentation
- Mediated collaboration between data scientists and software engineers
- Played a key role in designing and optimizing various information retrieval and recommendation models

**Skills:** MLOps, Recommender Systems, Machine Learning, Python, Bash, Snowflake, Information Retrieval, Search Engines, Statistics, Linux, Docker, 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 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

Nov 2015 - Mar 2017

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

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
- Developed custom graphics library

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

## **.NET Developer**

EPAM Systems, banking

Apr 2013 - May 2014

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

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:** PL/SQL, Dyalog APL/W

## **EDUCATION**

### **MSc, Applied Mathematics**

National Technical University of Ukraine 'Kyiv Polytechnic Institute'

1999 - 2005

Kyiv, Ukraine