

# Georgios Adzhygai

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## CITIZENSHIP

Greece, United Kingdom

## EXPERIENCE

### Senior Data Engineer

Plentific (property management)

Nov 2024 - present; London, UK

Part of a small team of senior engineers.

- Developing LLM based applications with a mix of traditional ML and carefully crafted heuristics.
- Testing, validating, and otherwise continuously maintaining the above applications to ensure their stable performance.
- Automating data ingestion pipelines.
- Maintaining a fleet of internal and client facing dashboards.

**Skills:** PostgreSQL, Snowflake, dbt, Python, Bash, Linux, Docker, AWS, OpenAI API, Looker, LookML

### Machine Learning Engineer

Lyst (e-commerce)

Nov 2019 - Jul 2022; London, UK

First ML engineer hire, tasked with establishing robust ML infrastructure and processes to bridge the gap between data scientists and software engineers allowing the former to iterate faster on new models and taking the constant troubleshooting burden off of the shoulders of the latter.

- Established cloud-based ML pipelines from the ground up, facilitating efficient model deployment and integration.
- Contributed to the design and development of user engagement prediction models as well as search and recommendation algorithms.
- Developed cloud-based command-line tools for rapid experimentation.
- Built a data transformation utility to streamline ingestion from multiple data sources.
- Designed monitoring dashboards for real-time performance tracking and reporting.
- Mentored junior engineers.

**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

First data science hire, responsible for building DS/ML infrastructure from the ground up and growing the team.

- Established coding standards and best practices for the data science team, ensuring consistency and quality.
- Built and deployed infrastructure to streamline model integration and deployment.
- Developed a customer ranking model and deployed it via a RESTful API.
- Led and mentored a team of two data scientists.

**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