ARTUR GRYGORIAN

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Remote, Germany

SUMMARY

Experienced Machine Learning Engineer with over 6 years of hands-on experience in building and deploying AI solutions at scale. Proven track record in leading cross-functional teams, designing and implementing machine learning infrastructure, and optimizing model performance. Skilled in generative AI, LLMs, and cloud-based AI integrations, with a focus on responsible AI practices and open-source contributions. Seeking to leverage my expertise in AI and collaborative leadership to drive innovation in Firefox's Generative AI initiatives at Mozilla.

WORK EXPERIENCE

Sr. Manager Analytics (Global Fulfilment Speed)
Wayfair

Aug 2022 - Aug 2024
Berlin, Germany

- Led global analytics team across EU, UK, and USA, implementing machine learning solutions to improve delivery promise accuracy, resulting in 1500 bps boost in speed badging and USD 5M annual revenue increase.
- Designed and implemented A/B testing framework with ML engineers to measure conversion impact of faster delivery promises, guiding strategic initiatives and ROI estimation.
- Built and mentored a high-performing team of 5+ data scientists and analytics engineers, focusing on delivering quality AI solutions and analytics insights.

Analytics Manager (EU Fulfilment Speed)
Wayfair

Jun 2021 - Aug 2022
Berlin, Germany

- Developed a machine learning model to estimate delivery time for the EU network, improving speed by 1.3 days and generating an additional EUR 10M in annual revenue.
- Established KPIs and designed dashboards to evaluate delivery network health, leading weekly and monthly business reviews with executive leadership.
- Orchestrated cross-functional collaboration for high-volume events, ensuring alignment and buy-in for AI-driven initiatives across the company.

Analytics Manager (Delivery Speed)
The Home Depot

Sep 2019 - Apr 2021
Atlanta, GA, USA

- Created a machine learning model that improved delivery promise by 0.7 days without impacting reliability, resulting in more than USD 100M annual revenue increase through higher conversion.
- Developed data pipelines using SQL Server and Google BigQuery to integrate carrier, warehouse, and customer data for comprehensive network analysis.
- Established and led a data science team of 3 from inception, guiding them to become one of the most impactful teams in the organization, earning multiple company awards.

EDUCATION

Master's in Statistics
Georgia Southern University

2015 - 2017

- Best Graduate Assistant Award
- GPA 4.0/4.0

Master's in Economics
Kyiv School of Economics

2012 - 2014

- Won KPMG Case Competition Ukraine
- Finalist of EY Case Competition Ukraine

Master's in Mathematics
Odesa National University

2007 - 2013

SKILLS

Machine Learning and AI: PyTorch, TensorFlow, Scikit-learn, AutoGluon, MLflow, RAG, LangChain, OpenAI API, Anthropic, Ollama

Cloud and Infrastructure: AWS, GCP, Docker, Distributed systems

Programming and Data Analysis: Python, SQL, R

MLOps and Development Tools: GitHub, MLflow, Makefile, Prometheus, Grafana

Soft Skills: Cross-functional collaboration, Technical leadership, Problem-solving, Communication

CERTIFICATIONS & TRAINING

Generative AI with Large Language Models

October 2023

Coursera, DeepLearning.AI

Comprehensive course on Generative AI and LLMs, covering model optimization, advanced techniques, and practical applications.

Technologies: Generative AI fundamentals, transformer architecture, LLMs, model optimization, RLHF, chain-of-thought prompting

LLM Bootcamp
Oct 2024

DataTalks.Club

Intensive bootcamp covering LLMs, RAG, and advanced AI techniques for production deployment.

Technologies: LLMs, RAG, OpenAI API, HuggingFace Hub, Ollama, vector databases, LangChain

Project: RAG for Recipe Recommendation System - Developed a RAG-based recipe recommendation system to demonstrate practical application of LLMs in information retrieval and personalization.

MLOps Bootcamp
Sep 2024

DataTalks.Club

Comprehensive MLOps training covering experiment tracking, model deployment, and monitoring.

Technologies: MLflow, workflow orchestration, model deployment, Prometheus, Grafana

Project: End to End ML Deployment Using AutoGluon and OpenFE - Implemented an end-to-end ML deployment pipeline to showcase MLOps best practices and automate the ML lifecycle.

PROJECTS

YouTube Transcript Analyzer
Oct 2024

Developed an AI-powered tool for analyzing YouTube video transcripts, demonstrating practical application of LLMs and API integration.

Technologies: YouTube Transcript API, LLM integration, Instructor library, CSV handling, token estimation, API cost calculation

LLM Kaggle Winning Solution
Sep 2024

Created a winning solution for a Kaggle competition using advanced LLM techniques, showcasing expertise in AI problem-solving and optimization.

Technologies: Claude-3.5 Sonnet LLM, zero-shot chain of thought reasoning, LLM Python code generation, Instructor library, multithreading