

ARTUR GRYGORIAN

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Berlin, Germany

SUMMARY

Results-driven Machine Learning Engineer with over 6 years of experience in building and deploying AI solutions, specializing in Generative AI and advanced analytics. Proven track record in leading cross-functional teams to design and implement machine learning infrastructure and tooling, optimizing model performance, and delivering impactful results in eCommerce and logistics. Seeking to leverage expertise in LLMs and cloud-based solutions to drive innovation at Mozilla.

WORK EXPERIENCE

Sr. Manager Analytics (Global Fulfilment Speed) Aug 2022 - Aug 2024
Wayfair *Berlin, Germany*

- Led the Global Analytics Team responsible for the strategy and implementation of technology to enhance delivery promise accuracy, directly aligning with product management and engineering teams.
- Designed and executed a causal inference framework to estimate the impact of delivery speed on conversion, guiding investments in faster delivery networks and optimizing model performance.
- Collaborated with ML engineers to implement A/B testing and measure the conversion impact of delivery promises, ensuring robust validation and testing procedures for model reliability.

Analytics Manager (EU Fulfilment Speed) Jun 2021 - Aug 2022
Wayfair *Berlin, Germany*

- Developed machine learning models to estimate delivery times, improving speed and significantly increasing conversion rates, resulting in an additional EUR10M in annual GRS.
- Established key performance indicators (KPIs) and designed dashboards for monitoring delivery network health, enhancing team collaboration and communication with stakeholders.
- Led cross-functional initiatives for high-volume events, ensuring alignment and buy-in for delivery promise speed strategies.

Analytics Manager (Delivery Speed) Sep 2019 - Apr 2021
The Home Depot *Atlanta, GA, USA*

- Created machine learning models that improved delivery promises, resulting in over USD100M in annual GRS through enhanced conversion rates.
- Built and led a data science team, focusing on developing AI solutions and optimizing delivery network performance, recognized for impactful contributions to the organization.
- Implemented data pipelines and analytics solutions that provided insights into operational efficiencies and improved decision-making processes.

EDUCATION

Master's in Statistics 2015 - 2017
Georgia Southern University

- Best Graduate Assistant Award
- GPA 4.0/4.0

Master's in Economics 2012 - 2014
Kyiv School of Economics

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

Master's in Mathematics 2007 - 2013
Odesa National University

CERTIFICATIONS & TRAINING

Generative AI with Large Language Models October 2023
Coursera, DeepLearning.AI

- Gained hands-on experience with state-of-the-art LLM training, tuning, and deployment, focusing on generative AI fundamentals and model optimization.

MLOps Bootcamp Sep 2024
DataTalks.Club

- Learned MLOps concepts, model management, and deployment strategies, enhancing skills in building scalable AI solutions.

- Project: [End to End ML Deployment Using AutoGluon and OpenFE](#) - Developed a comprehensive ML deployment project utilizing AutoGluon and OpenFE for automated model selection and feature engineering.

PROJECTS

- [YouTube Transcript Analyzer](#)

Oct 2024
- Developed a tool utilizing YouTube Transcript API and LLM integration for content analysis and Q&A, showcasing skills in generative AI and model deployment.
- [LLM Kaggle Winning Solution](#)

Sep 2024
- Created a solution leveraging Claude-3.5 Sonnet LLM for competitive analysis, demonstrating expertise in LLMs and advanced problem-solving techniques.

TECHNICAL SKILLS

- Programming Languages and Data Analysis:

Python, R, SQL
- Machine Learning and AI:

PyTorch, TensorFlow, Scikit-learn, AutoGluon, MLflow, LangChain, OpenAI
- Cloud Platforms:

AWS, GCP
- Development Tools:

GitHub, Docker, Makefile, VSCode