

# CURRICULUM VITAE

(v26.2.1)

Name: **Ivan Reznikov, PhD**  
Tel: **+971561514416**  
E-mail: [ivanreznikov@gmail.com](mailto:ivanreznikov@gmail.com)  
Linkedin: [linkedin.com/in/reznikovivan](https://linkedin.com/in/reznikovivan)  
Github: [github.com/IvanReznikov](https://github.com/IvanReznikov)  
Location: **Dubai, UAE**



## **Education:**

PhD: Belarusian State University (QS Top 300) – Computational Sciences

**Summary:** As an AI product builder and data scientist (15+ years) with strong leadership skills and management experience (10+ years), I have a proven track record of success in driving innovation and delivering results. With a deep understanding of Python and Data Science, research background and multi-domain knowledge, I have the expertise needed to lead engineering, data science and AI teams, and architect and ship production-grade AI products from zero to scale. I've translated AI research into products and led presales for 8+ years increasing closing rates, client engagement and satisfaction.

Author of the [LangChain for Life Science](#) O'Reilly book. Creator of a novel [clustering ML algorithm](#). The only [LangChain ambassador](#) in the MENA region.

## **Skills:**

Expertise: Python, Data Science, LangChain, LangGraph, Generative Agentic AI

Domains: Healthcare, Real Estate, Retail and Finance

Experienced with GCP, AWS, Azure, Docker, Git, DataBricks, Spark, production ML pipelines, LLM applications on enterprise data, Agentic AI applications, etc

ML algorithms: Large Language Models (LLMs), boostings, neural networks, in-built sklearn methods

Product: AI Product Lifecycle, Roadmapping, Stakeholder Management, Rapid Prototyping, MLOps

## **Work Experience:**

**(10/2024 – current 2026)** Department of Health, Principal Data Scientist

### **Department of Health of the Abu Dhabi Government**

Led the development of the Fraud, Waste, and Abuse (FWA) initiative, resulting in 8-digit AED yearly savings and 10-12% operational work efficiency increase. Work resulted in government law change. Architected and shipped a suite of 10+ MS Copilot agentic products in production, saving ~2000 hrs/month from ideation through deployment and adoption. Multiple NDA initiatives and projects leading DoH to top-1 government AI adoption department

**(05/2023 – 10/2024)** QBurst, Head of Data Science | Principal Data Scientist

### **Software Development Company**

Collaborated with a team of Solutions Principals across the EMEA, resulting in a 20+% increase in client engagement and a 10% improvement in closing rates for presales. Successfully delivered over 10+ workshops, reaching C-level executives, and demonstrating the transformative potential of AI/ML/GenAI. Built and deployed production LLM applications on customer enterprise data (structured + unstructured), increasing satisfaction by 30% owning the full stack from data pipeline to user-facing interface. Negotiated and tailored contracts, led product roadmap and end-to-end delivery for AI/GenAI products across a 35+ member team, owning scope, timelines, stakeholder alignment.

**(10/2021 – 04/2023)** Axiom | Hyke, Lead Data Scientist

### **B2B company connecting manufacturers with end users**

Embedded with ops and commercial teams to replace manual workflows with production cloud applications directly used by 2000+ customers. Allowed to increase forecast performance and delivery effort for 2000+ customers. Led the Data Science team and established ML team architecture to reduce manual work and improve experiment-to-prod time from 1-2 weeks to 1-2 days. Developed the demand forecasting framework increasing the sales up to 6-digit AED per month. Owned full product lifecycle from problem definition and prototyping to production release for multiple AI-powered forecasting products with turnover of 8-digit AED turnover annual

**(07/2020 – 09/2021)** Archipelo, Lead Data Scientist

**Startup devoted to analyzing source code and developers features**

Designed graph networks to analyze dependency trees for 100K+ nodes

Developed metrics and features for developer packages in multiple package managers and generated insights and metrics for UX analysis. Demonstrated in-development ML/AI products during pitchdecking and investors meetings. Designed and implemented a user session detection/merging system and extracted user-based data, what allowed to solve zero-shot problem

**(09/2016 – 07/2020)** ScienceSoft, Engineering Manager|Lead Data Scientist

**Customers: Pharma, healthcare, real estate, banking, consulting, retail companies**

Led presales activities, delivering compelling presentations and workshops to showcase the business value behind DS|ML services, resulting in 15+% increase in successful client engagements.

Built production ML solutions on large structured enterprise datasets across pharma, banking, and retail: each scoped to the specific industry context, data model, and competitive situation of the client, leading to 10+% improvement in accuracy over previous methods. Applied causal inference techniques to assess the impact of specific product features on forecasting accuracy, providing insights for product optimization and resulting in a 10% increase in accuracy. Conducted and implemented end-to-end data management strategies. Fulfilled roles as product owner and delivery manager for multiple projects. Served as scrum master multi-time zone teams with 10+ members.

**(11/2013 – 05/2016)** Remote (Contract), Senior Data Scientist

**Customers: Retail, consulting companies**

Conducted product clustering and comparison with existing stock models. Provided product and price recommendations based on thorough user analysis. Performed fraud detection and analysis.

Developed interactive data visualizations and analytics tools using d3.js, JS/HTML/CSS

**(12/2012 – 05/2015)** Research Institute, R&D Data Scientist

Conducted experiments and analyzed the results, proposed and tested hypotheses. Engaged in storytelling, ML model development and applications for forecasting and analytics purposes

**(10/2011 – 12/2012)** EPAM Systems, Data Scientist | Data Engineer

Utilized custom data pipeline API and GUI for efficient ETL processes. Executed data scraping from various public sources and ensured data refactoring and storage.

**Teaching Experience:**

**part-time: (09/2021 – present)** Middlesex University Dubai, Adjunct Professor

“Data Science” track in CST4050 Masters in Data Science program. Materials: [link](#).

“Generative AI” track in CST4265 Masters in Artificial Intelligence program.

**part-time: (09/2018 – 12/2020)** Belarusian State University, Visiting Lecturer

Developed own course *Data Science for Life Sciences* that is designed to equip students and researchers with the necessary skills to apply data science in the field of life sciences.

**Certificates:**

Learning Data Science: Manage Your Team	Linkedin Learning	2019
Scrum: Advanced	PMI Institute	2019
Cert Prep: Project Management Professional (PMP)	PMI Institute	2019

**Conference Talks:**

O'Reilly Generative AI for Healthcare	Developing LangChain Applications for Disease Diagnosis and Screening	2024
GITEX Workshop	LangChain and LLMs: The Future of AI-Generated Content	2023
PyData Workshop	LLM training with human feedback	2023
Dubai Coders HQ	On my way to developing the best clustering approach	2022
Data Science Meetup	Smarter Solutions with Hybrid Rule-ML Systems	2023
	Learn to 10x your LLM game with Langchain	2023
Nuclio Digital	Computer Vision: How Do Computers See?	2022
PyCon MEA / GITEX	Multi-label Classification through Hierarchical Clustering	2021
TEDx	A Recipe for Scientific Research	2017

**Kaggle:**

Competition Expert - Top 1% (@2022): 2 bronze medals and 1 silver medal