



IOANNIS BANOUSIS

AI/ML Engineer - Data Analyst

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PROFILE INFO

AI Engineer who leads the AI Intelligence department at iProject LLC, deploying 7+ production applications that automated critical business processes. Specializes in LLM integration, predictive analytics, and NLP tools. Expert in Python, ML/AI frameworks with proven business impact. MSc-equivalent from NTUA in statistical modeling.

TECHNICAL SKILLS

AI & Machine Learning:

- Deep Learning: TensorFlow
- LLM Frameworks: Hugging Face Transformers, Sentence Transformers
- ML Libraries: Scikit-learn (clustering, classification)
- GPU Infrastructure Management
- Vector Databases: FAISS

Programming & Development:

- Python, R, SQL
- HTML, CSS, JavaScript

Data Analysis & Statistics:

- Statistical Analysis & Hypothesis Testing
- Business Intelligence & Reporting
- Pandas, NumPy



EDUCATION

2021	Certificate of Proficiency in English (ECPE) University of Michigan
2022	MSc Applied Mathematics & Statistics National Technical University of Athens (NTUA) School of Applied Mathematical and Physical Sciences (MSc Integrated Degree) Thesis: Econometric Methods of Cryptocurrency Volatility Estimation (R Programming) with 9.5/10 Grade
2022	SQL for Data Science - Certificate University of California, Davis
2024	MySQL for Data Analytics and Business Intelligence Certificate Udemy
2025	Microsoft Certified: Azure AI Fundamentals (AI-900) Microsoft
2025	Machine Learning in Production by DeepLearning.AI DeepLearning.AI
2025	Tensorflow 2: Deep Learning & AI - Certificate Udemy
2025	AWS Certified Machine Learning Engineer - Associate Amazon AWS

SOFT SKILLS

- Critical Thinking
- Problem Solving
- Communication
- Team Collaboration
- Leadership

LANGUAGES

- Greek (native)
- Romanian (native)
- English - C2 ECPE

INTERESTS

- New AI/ML tech
- Blockchain Technology
- Sports
- Travelling



EXPERIENCE

APR 2024	AI/ML Engineer - Data Analyst
NOW	iProject LLC - Athens, Greece • Established AI Department: Built the AI Intelligence division, bringing enterprise AI capabilities to the organization and enabling company-wide AI adoption • Deployed 7+ Production AI Applications including: 1.AI Data Analysis Platform - NLQ (Natural Language Query) business intelligence tool enabling non-technical users to query databases and generate visualizations using plain English 2. Predictive Analytics Engine - Forecasting solution for F&B businesses predicting daily/hourly orders, product demand, and raw material consumption 3.AI Lead Generation System - Automated B2B lead discovery tool 4.Specialized AI Chat-Bots • Architected scalable AI solutions integrating OpenAI, Anthropic, Google, DeepSeek and open-source LLMs • Established AI governance and best practices across the organization
FEB 2023	Risk & Fraud Analyst
MAR 2024	Kaizen Gaming - Athens, Greece • Conducted advanced risk analysis and fraud pattern detection • Maintained internal risk intelligence systems (Confluence documentation) • Developed patterns to anticipate market trends and fraudulent behavior • Designed and implemented fraud prevention controls reducing risk exposure • Investigated complex fraud cases and established behavioral profiling frameworks
SEP 2017	Mathematics & Physics Educator
JUN 2023	Self-Employed - Athens, Greece • Enhanced communication abilities through explaining advanced concepts to diverse audiences