TIMOTHEE K. NKWAR

Junior AI | ML Engineer | Data Scientist

LinkedIn: linkedin.com/in/timothee-nkwar

Email: timotheenkwar@gmail.com • GitHub: github.com/TimotheeNkwar • Website: timotheenkwar.me

PROFILE

Innovative and proactive Data Scientist with a builder mindset, delivering end-to-end ML products from ideation to production. Strong track record in model governance, scalable pipelines, financial analytics, and cross-functional leadership.

EDUCATION

WorldQuant University   **Online**
Applied Data Science Labs   June 2025 - August 2025

Cyprus International University   **Nicosia, Cyprus**
Bachelor of Data Science   January 2023 - January 2027

TECHNICAL SKILLS

- **Languages**   Python • SQL • Bash • HTML/CSS • React Native (beginner)
- **ML & Data Science**   Scikit-learn • XGBoost • LightGBM • Pandas • NumPy • Matplotlib • Seaborn
- **LLM & RAG Systems**   Retrieval-Augmented Generation • Prompt Engineering • Vector Databases (Pinecone) • OpenAI//Ollama
- **MLOps & Backend**   FastAPI • Flask • Docker • CI/CD (GitLab • GitHub Actions) • Railway • Heroku • Prometheus/Grafana basics
- **Cloud & Big Data**   GCP (BigQuery, Cloud Run, Vertex AI) • Databricks • Snowflake • MongoDB • Supabase/PostgreSQL
- **Tools & Environment**   Git • Linux • Jupyter • Postman • VS Code • PyCharm • Weights & Biases (basics)

KEY COMPETENCIES

- Retrieval-Augmented Generation (RAG) chatbots and intelligent information retrieval systems
- Real-time fraud detection & anomaly detection systems using ML models and streaming pipelines
- End-to-end Data Science Projects: From initiation, data engineering, and modeling to deployment and monitoring
- Project management: project planning, task prioritization, milestone tracking, risk management, and delivery under tight deadlines
- Leadership: team coordination, mentoring, decision-making, stakeholder alignment, and ownership of project outcomes
- Cross-functional collaboration with software engineers, DevOps, product owners, and business stakeholders
- **Interpersonal & Soft Skills:** Strong communication, teamwork, adaptability, curiosity, analytical mindset, critical thinking, time management, leadership potential, conflict resolution, attention to detail, problem-solving, empathy, and the ability to work under pressure

WORK EXPERIENCE

Software And IT Assistant | Software Development Office - Cyprus International University   **October 2025 - january 2026**
- I built an RAG-based chatbot and participated in Attendance QR systems, leveraging LLMs to enhance automation and user engagement.

AI and Software Intern | Software Development Office - Cyprus International University   **June 2025 - August 2025**
- Collaborated with a software team to develop an intelligent chatbot that handles large datasets.
- Performed data processing and analysis to improve chatbot accuracy and performance.

PROJECTS

Credit Card Fraud Detection | LINK   **July 2025**
  - Developed a high-performance fraud detection system using optimized machine learning models and anomaly detection techniques.
  - Reduced false positives and improved fraud detection rates through real-time scoring pipelines and automated monitoring.

DataCraft: Personal Data Science Portfolio Website | LINK   **Founder / Developer, 2024 – Present**
  - Designed and developed a personal portfolio website highlighting data science projects, technical skills, and publications.
  - Created clear documentation, interactive visuals, and structured case studies to communicate data insights to diverse audiences.

SpaceX Launch Analysis | LINK   **June 2025**
  - Accomplished mission-success prediction insights, as measured by accurate launch outcome forecasts and improved KPI visibility, by performing API-driven data extraction, SQL analysis, exploratory data analysis (EDA), and building interactive dashboards.

CERTIFICATES

Data Science Associate (DataCamp) LINK   Jun 2025
Strong foundation in Python, data manipulation, visualization, and machine learning fundamentals.

Professional Data Science (IBM) LINK   Apr 2025
Hands-on experience with Python, SQL, machine learning, and data visualization through real-world projects.

Advanced Data Analytics (Google) LINK   May 2025
Advanced analytics and machine learning techniques are applied to business and research problem-solving.

RAG and Agentic AI (IBM) LINK   December 2025
Built a strong foundation in RAG, agentic AI systems, and LLM-based workflows for real-world business and research applications.

Project Management Professional Certificate (Google) LINK   Comming Soon
Practical training in project initiation, planning, execution, risk management, and Agile methodologies.

Microsoft AI & Machine Learning Engineering Professional Certificate (Microsoft) LINK   Coming Soon
Practical AI/ML training covering model development, evaluation, and deployment with Microsoft tools.

Mathematics for Machine Learning and Data Science (DeepLearning.ai) LINK   Coming Soon
I build a strong foundation in linear algebra, calculus, probability, and statistics applied to machine learning and data science.