

Khanh Duong TRAN

Data Scientist | Île-de-France



raydiwill



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EXPERIENCE

ADIKTEEV

Analytics Engineer

| ADTECH RE-ENGAGEMENT COMPANY

June 2024 – June 2025 | Paris, France

Role Summary: Adikteev provides programmatic solutions to help mobile apps acquire and re-engage users. As an Analytics Engineer, I delivered data-driven solutions and provided technical support across internal teams and external clients.

- Resolved ~70% of DSP technical issues/questions across teams, reducing the product team workload to focus on feature delivery.
- Consolidated 3 internal workflows into an unified Streamlit interface, reducing manual steps by ~30% and shortening analysis time.
- Analyzed large-scale datasets (impressions, bids, etc) to detect anomalies for fraud detection.
- Designed and built data pipelines with SQL (Redshift/Trino) and Airflow to ensure reliable, high-quality data for downstream analysis.
- Collaborated with cross-functional teams. Delivered clear, non-technical explanations to help non-technical colleagues understand product behavior and data insights.
- Developed Python automation tools that reduced repetitive analytical work across teams.

Key skills gained: Python • SQL • Airflow • Stakeholders communication

- Streamlit • AdTech • Technical support.

PROJECTS

CHURN PREDICTION ANALYTICS PLATFORM

Machine learning Engineer (student role)

| ACADEMIC PROJECT

| EPITA, Team of 3

Objective: Researched state-of-the-art deep learning models to develop a Minimum Viable Product for telecoms churn prediction.

- **Model Development:** Developed and implemented a hybrid ensemble DNN and BiLSTM model, tracked experiments with MLflow.
- **Model Deployment:** Deployed the model into a web application using FastAPI for real-time predictions.
- **Data Pipeline Inetegration:** Implemented automated data validation using Great Expectations in production pipeline.
- **Process Automation:** Automated model prediction tasks using Apache Airflow Docker image.
- **Stakeholder Engagement:** Built interactive dashboards in Grafana and Streamlit to communicate model performance, and recommendations to stakeholders.

Key skills gained: Deep Learning • Fast API • MLflow • Airflow • Docker
• Grafana

EDUCATION

EPITA

M.S.C IN COMPUTER SCIENCE

March 2023 - January 2025

- Grade: 16.11/20

SKILLS

PROGRAMMING

Proficient:

Python • SQL

Familiar:

R • Java • Shell Script
• C/C++

LIBRARIES/FRAMEWORKS

Pandas • Numpy •
Scikit-learn • XGBoost •
Optuna • TensorFlow

TOOLS/PLATFORMS

GitHub • Docker • Airflow •
Tableau • MLflow • AWS •
Git • Grafana

OPERATING SYSTEM

Unix

LANGUAGES

- English (C1)
- French
- Vietnamese

SOFT

- Rigorous
- Proactive
- Inquisitive
- Teamwork
- Autonomous

INTERESTS

- Photography
- Guitar
- Cue sports