Nguyễn Việt Khiêm - Intern Data Analyst

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Github: https://github.com/nguyenvietkhiemm

OBJECTIVE

- Short-term goals: Aspire to gain more experience in a professional working environment to learn and work long-term. Aim to accumulate knowledge, develop myself through practical projects, and become a permanent employee.
- Long-term goals: To find a workplace with ample opportunities where I can best contribute to the company.

SKILLS

- SQL (SQL Server, mySQL), noSQL (mongoDB), graph (neo4j)
- **Programming Languages:** Python, C/C++, Javascript, Java
- **ML/DL:** Classification/Regression models & tree-base ensemble models (lightGBM, XGBoost); Neural (RNN - LSTM, GRU)
- **Mathematics and Probability & Statistics**
- **Frameworks/Platforms:**
    - *Visualization:* Matplotlib, Seaborn, PowerBI, ChartJS
    - *Data Processing:* Pandas, Numpy, Spark
    - *ML/DL framework:* Scikit-learn, Tensorflow
- **Experienced in building RESTful APIs** for machine learning model deployment using Hugging Face (Docker + Flask/FastAPI) and integration with web applications (NodeJS-Express).
- **Other:**
    - Model/Calculating inference optimization by C/C++/CUDA & multithreading/multiprocessing
    - *Containerization:* Setting up CI/CD pipelines, Docker
    - *Cloud:* AWS, GCP
    - Git, Linux kernel & distro
    - *Office:* MOS Office - 2021
    - TOEIC 685 (2023)
    - AI with Python by SAMSUNG certification (2023)
    - *Big data:* Hadoop & Spark, Hive

PROFESSIONAL EXPERIENCE

- **Home Credit Default Risk (Developing) - Data Scientist (03/2025 - Now)**

  Project**:** https://github.com/nguyenvietkhiemm/home_credit_default_risk
    - *Description:* A Credit risk prediction AI pipeline for Home Credit loan applications
    - *Main Technologies:* Python, C++, CUDA, Scikit-learn, Pandas, Numpy, LightGBM, Docker
- **Body measurement prediction - Data Scientist (8/2024 - 11/2024)**

  Project: https://github.com/nguyenvietkhiemm/AI_measure

  Integrated into the company's fashion e-commerce platform: https://www.vestonduynguyen.com/
    - *Description:* An AI-powered body measurement prediction pipeline integrated into a fashion e-commerce web application to provide accurate sizing recommendations for customers.
    - *Main Technologies:* Python, Pandas, Numpy, Matplotlib, Scikit-learn, Javascripts.

EDUCATION

- **PTIT** *(Posts and Telecommunications Institute of Technology)* 9/2021 - now