FEI HUANG

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Data Scientist with expertise in machine learning, statistical modeling, and data-driven decision making. M.Sc. in AI from VU Amsterdam. Experienced in Python, machine learning, data analysis. Excited to bring analytical skills to Startup.

EDUCATION

Vrije Universiteit Amsterdam   Amsterdam, Netherlands
M.Sc. in Artificial Intelligence   Sep. 2023 – Aug. 2025

- Thesis: Uncertainty Quantification in Deep Reinforcement Learning
- Relevant Coursework: Machine Learning, Deep Learning, Natural Language Processing, Computer Vision

Tsinghua University   Beijing, China
B.Eng. in Chemical Engineering   Sep. 2006 – Jul. 2010

WORK EXPERIENCE

GLP Technology   Shanghai, China
Founding Data Scientist   Jul. 2017 – Aug. 2019

- Joined as founding data team member at fintech startup; built credit scoring engine from scratch including data pipelines, feature engineering, and model deployment using logistic regression and scorecard methodology.
- Engineered PySpark data pipeline infrastructure for processing loan applications; mentored junior data scientists on best practices.
- Monitored loan portfolio performance and developed anomaly detection reports to identify early warning signals for delinquency and credit risk.

Baiquan Investment   Beijing, China
Quantitative Researcher   Jul. 2015 – Jun. 2017

- Developed multi-factor alpha research pipeline for equities using Fama-MacBeth cross-sectional regression; identified statistically significant factors including value, momentum, and event-driven signals.
- Engineered R-Breaker intraday strategy for CSI futures end-to-end; achieved 14.6% annualized return in live trading.
- Built high-performance factor computation engine using vectorized Pandas/NumPy operations for 3000+ stocks.

Ele.me (Alibaba)   Shanghai, China
Business Analyst   Sep. 2013 – Jul. 2015

- Analyzed user behavior and market trends for food delivery platform during rapid growth phase; provided data-driven insights for business expansion strategy.
- Developed SQL-based reporting dashboards for operations team; automated weekly KPI tracking and anomaly detection.

PROJECTS

Uncertainty Quantification in Deep RL   M.Sc. Thesis

- Developed novel uncertainty quantification methods for deep reinforcement learning agents using ensemble techniques and Bayesian approaches.
- Implemented benchmarking framework in PyTorch to evaluate uncertainty estimation across multiple RL environments.

SKILLS

Languages:	Python, SQL, R, JavaScript
ML/AI:	PyTorch, TensorFlow, Scikit-learn, XGBoost, Hugging Face
Data:	Pandas, NumPy, PySpark, Airflow, dbt
Cloud/Tools:	AWS, GCP, Docker, Git, Linux
Spoken:	English (Fluent), Mandarin (Native), German (Basic)