

Phan Minh Huy

Data Scientist

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SUMMARY

Senior Data Scientist with 7 years of experience delivering end-to-end data science solutions across the insurance, telecommunications, and retail sectors. Experienced in leading projects from problem definition through to production deployment, with a strong focus on aligning analytical outcomes with business strategy. Combines deep statistical expertise with a practical, results-driven approach to uncover insights and drive impactful decisions.

EXPERIENCE

Blueinfo Jsc - Data Team Lead

Aug 2024 – Present

- Led a data team (Analysts, Engineers, Scientists) using Agile methodologies to deliver ML solutions aligned with business goals
- Established the team's OKRs, ensuring alignment between technical roadmaps and company strategic objectives
- Mentored juniors on best practices, fostering skill growth and enhancing team velocity through structured knowledge sharing
- Served as primary technical point of contact for external partners, including problem scoping, solution design, presenting and reporting to partner BOD
- Implemented MLOps practices: Collaborated with DevOps for server infrastructure and setup environments for model deployment, monitoring, and maintenance
- Delivered projects:
 - Built Telco-based Credit Score models for thin-file customers (Gini 55%), delivering a >70% performance uplift when combined with the partner's internal model
 - Propensity score (Gini: 70%) to enhance campaign targeting
 - Location verification score to enhance partner operational accuracy
 - Logistic regression optimization for a financial institution: Achieved 30-40% Gini uplift over existing models
 - Laos market: Developed Credit Score model for unbanked segments using proxy labeling and transfer learning-inspired techniques, achieving Gini 52%, established A/B testing roadmap
- Designed and implemented a ML platform
 - Data stack: Data pipelines, feature store, data quality controls
 - Model stack: training pipeline with reproducibility and automation
 - Deployment stack: scheduling, model monitoring, and alerts
 - CI/CD pipeline: designed and implemented a workflow for automated deployment and version control

Prudential Vietnam Assurance - Senior Data Scientist

Nov 2022 – Aug 2024

- Delivered multiple predictive models driving strategic business outcomes:
 - Customer propensity models for cross-sell campaigns
 - Early churn prediction to reduce lapse rates
 - Automated claim for operational efficiency
 - Agent clustering and leadership potential prediction models
- Promoted adoption of AI/ML across departments through internal workshops and training initiatives
- Utilized SHAP, conformal prediction, and graph analysis for model explainability and advanced analytics
- Collaborated with the Data Engineering team to build a scalable data warehouse, ensuring robust data pipelines to support analytics and machine learning workflows

CIC Data Jsc - Data Scientist / Analyst

Aug 2020 – Jun 2022

- Designed and implemented lead scoring models with Gini scores of 64–70%, improving campaign targeting efficiency
- Extracted community features from telecom data using GraphFrames, DBScan, and KMeans
- Deployed optimization algorithms (Ortools) to maximize LeadGen ROI while minimizing operational costs
- Standardized operations and performance monitoring for Mortgage LeadGen services with teleco partners
- Delivered ad-hoc analyses and A/B testing frameworks to guide data-informed decision-making

SIFT AG VN - Machine Learning Engineer

Oct 2018 – Jul 2020

- Built demand and price forecasting models for fertilizer products globally and domestically
- Solved Market Basket Analysis and Store Clustering challenges for retail clients
- Developed automated ML pipelines in Alteryx for forecasting and sales prediction (DFS Group)

EDUCATION

Generative AI Engineer Program, Hanoi University of Science and Technology *2025 – Present*

Master of Data Science, Ho Chi Minh University of Science *Completed 2025*

Bachelor of Industrial Systems Engineering, Ho Chi Minh City University of Technology *2015 – 2019*

CORE COMPETENCIES

Technical Skills

Python • Spark • SQL • ML/DL • MLOps • Optimization

Soft Skills

Data Strategy • Stakeholder Management • Agile/Scrum Management • Cross-functional Collaboration

Languages

English: TOEIC 665