

Tomy Huy Le

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🔗 tomylehuy.github.io in Tomy Huy Le 🌐 TomyLeHuy

Work Experience

Research Assistant

German Research Center for Artificial Intelligence (DFKI)

Saarbrücken, Saarland

November 2024 – Present

- Implemented an interactive dashboard for business process prediction with ML models, integrating XAI methods for explainability and leveraging LLMs/AI agents to power a conversational chat interface for querying insights.
- Developed and deployed machine learning models for industrial clients, directly optimizing inventory management and production processes combined in an interactive dashboard.
- Engineered robust data preprocessing pipelines, demonstrably improving the accuracy and reliability of time-series forecasting models.
- Contributed to the "GreenAI-Hub" federal ministry (BMWK) initiative, presenting key research findings to project stakeholders and industry partners.
- Contributed to the back-end development of the "WERNER" platform, focusing on scalable data processing and API architecture.
- Conducted strategic research on "AI Readiness" for small and medium-sized enterprises (SMEs), developing frameworks to bridge the gap between academic research and practical application.

Manger

Zen-Zen SUSHI & MORE

Sankt Wendel, Saarland

Jan 2019 – Nov 2024

- Oversaw the deployment and maintenance of cash register systems to streamline operational workflows and enhance accuracy in financial reporting.
- Improved customer engagement by managing social media channels and advertising campaigns.
- Managed employee relations, performance evaluations, and training initiatives to increase productivity and participation.
- Chef, Kitchen Help and Customer Service

Data Analyst (Internship)

Md Binco GmbH

Eschborn, Hessen

Okt 2021 – Dec 2021

- Data analysis and property management for customers.

Education

Saarland University

B.Sc. Business Informatics

Apr 2023 – Apr 2026

- **Specialization:** Software engineering and artificial intelligence

Saarland University

B.Sc. Computer Science

Apr 2022 – Mar 2023

- **Transferred** to Business Informatics

Illtal Gymnasium Illingen (IGI)

Highschool Degree

Aug 2013 – Jun 2021

- **Grade:** 1.5

Projects

Personal Website

tomylehuy.github.io 

- Created a personal web portfolio with information, projects, and documents of myself.
- Tools used: HTML, CSS, JavaScript

Demand Forecasting Dashboard

July 2025 – August 2025

- Developed a reusable, enterprise-grade demand forecasting dashboard with real-time stock movement simulation.

- Tools used: Python, Dash/Plotly, Scikit-Learn

Comment Toxicity Model

Jul 2024 – Okt 2024

- Designed and trained a sentiment analysis model to classify and detect varying levels of toxicity in user comments.
- Tools used: Python, TensorFlow, Django

Ultimate Tic Tac Toe

Jun 2023 – Jul 2023

- Developed an extended version of the classic Tic Tac Toe game featuring more complex gameplay mechanics.
- Tools used: Java

Skills

Technical Skills: Python, PyTorch, TensorFlow, Scikit-Learn, Java, Django, HTML/CSS, JavaScript, Dash/Plotly

Languages: English (fluent), German (native), Vietnamese (native)

Hobbies: Basketball, Weight Lifting, Running

Certifications and Awards

Consulting Certificate

IWi at DFKI Saarbrücken

Saarbrücken, Saarland

Nov 2024 - Feb 2025

Best AI Project

ISS Saarbrücken, Prof. Dr.-Ing. Wolfgang Maaß

Saarbrücken, Saarland

Jan 2025

Instructor Certificate

IHK Saarbrücken

Saarbrücken, Saarland

Nov 2024