

# Tomy Huy Le

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🔗 [tomylehuy.github.io](https://tomylehuy.github.io) 💬 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](https://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**

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**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**

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#### **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*