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Tomy Huy Le

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Work Experience

Research Assistant Institute for Business Informatics	German Research Center for AI DFKI Saarbrücken, Germany	Nov 2024 – Present
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- Develop and implement ML models for clients in the production industry to optimize inventory management.
- Build data preprocessing pipelines, improving time series forecasting models accuracy by 20%.
- Perform deep time series analysis providing new business insights.
- Conduct research in AI readiness for medium-sized companies.

Manager Family Businesses	Zen-Zen SUSHI&More Sankt Wendel, Germany	Jan 2019 – Nov 2024
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- 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 engagement.
- Chef, kitchen help and customer service

Data Analyst Highschool Internship	Md Binco GmbH Eschborn, Germany	Okt 2021 – Dec 2021
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- Data analysis and property management for customers

Education

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| • B.Sc.Business Informatics , Saarland University, Saarbrücken | Apr 2023 – Apr 2026 |
| o Specialization in software engineering and artificial intelligence | |
| • B.Sc Computer Science , Saarland University, Saarbrücken | Apr 2022 – Mar 2023 |
| o Transferred to business informatics | |
| • Highschool Degree , Illtal-Gymnasium, Illingen | Aug 2013 – Jun 2021 |
| o Grade: 1,5 | |

Personal Projects

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| • Personal Webportfolio
https://tomylehuy.github.io/ (for more information and projects) | |
| • Pokedex Image Classifier | Jan 2025 – Present |
| o Building a multi-class image classifier capable of identifying Pokémon using a custom dataset and real-time API integration. | |
| o <u>Technologies</u> : Python, PyTorch, Django, PokéAPI | |
| • Comment Toxicity Model | Jul 2024 – Okt 2024 |
| o Designed and trained a sentiment analysis model to classify and detect varying levels of toxic language in user comments. | |
| o <u>Technologies</u> : Python, TensorFlow, Django | |
| • Ultimate Tic Tac Toe | Jun 2023 – Jul 2023 |
| o Developed an extended version of the classic Tic Tac Toe game featuring more complex gameplay mechanics. | |
| o <u>Technologies</u> : Java | |

Skills

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- **Technical Skills**: Python, PyTorch, TensorFlow, scikit-learn, Java, Django, HTML/CSS, JavaScript
 - **Languages**: English (fluent), German (native), Vietnamese (native)

Certifications

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| • IHK Instructor Certificate , Saarbrücken | Nov 2024 |
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