

Lars Erich Tuerke

Berlin, Germany

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[github](#) | [portfolio](#) | [linkedin](#)

EXPERIENCE

MTU Maintenance

Nov 2021 - Present

Working Student Process Engineering

Ludwigsfelde, Berlin-Brandenburg

- Support of an AI development project
- Hardware: Setting up workplaces and calibrating measuring instruments.
- DevOps: Cross-system interfaces, centralization, and remote access.
- MLOps: Development of features, setting up development environments, and code refactoring
- Process data analysis and visualization in Tableau
- Working with Excel/Access VBA and KNIME
- Preparation and structuring of knowledge management in the internal wiki

Bachelor Thesis

- "Introduction of an artificial intelligence in engine maintenance based on the example of the development project automatic component recognition"

Intern Production Planning and Control

- Creation an automatic audit log for the database in Tableau
- Preparation and structuring of knowledge management in the internal wiki
- Elaboration of an overview of area and capacity planning

Stay abroad

2017-2018

New Zealand

EDUCATION

Master of Science - Industrial Engineering

Sep 2022 - Present

Technical University of Berlin

Berlin, Germany

Bachelor of Engineering - Industrial Engineering

Sep 2018 - Sep 2022

TH Wildau

Wildau, Germany

SKILLS

Tech Stack Python | Java | C/C++ | JavaScript | HTML/CSS | SQL

Technologies Tableau | Microsoft Office | Atlassian | Git | Heroku | Flask

Soft Skills Project Management | Sustainability | Strategic Thinking | Communication

Languages German (nativ) | English (C1)

PROJECTS

Data Science Project

Apr 2024 - Present

Course during the Master's program

Technical University of Berlin

- Automatic Image Segmentation by Guiding SAM with Saliency Maps

The Odin Project

Oct 2023 - Present

Full Stack Developer Course

Remote

- An open-source curriculum for learning modern web development
- All projects from the course can be found on my [GitHub](#).

CS50x

Mar 2023 - Sep 2023

Harvards Introduction to Computer Science

Harvard University, Remote

- An introduction to the intellectual enterprises of computer science and the art of programming.
- [Certificate](#)

Final Project: [ClimbersLog](#)

- ClimbersLog is a comprehensive logbook designed to empower climbers to track, analyze, and enhance their climbing performance. (user: 'test' pw: 'TestAccount123.')