

# TUERKE

LARS ERICH

## CONTACT INFO

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## ABOUT ME

My name is Lars and I study Masters in Industrial Engineering at TU Berlin. I did my Bachelor at TH Wildau and started working for MTU Maintenance GmbH at the end of my studies 2021, wrote my Bachelor thesis there about an AI project and have been working there ever since as working student. In my time working as a working student I got insides into AI, Data Science and Software Development and really started liking this field. Thats why my main tasks are supporting an AI Projekt and analyzing and visualizing data with Tableau.

At Uni I did the courses "Introduction to Computer Science" in which I learned the basics of Java programming and "Python for engineers" in which I learned to read in, analyze and visualize data with Python.

During my semester break at the moment I participate in the course CS50's Introduction to Computer Science from Harvard Univerity to gain more knowledge in Computer Science.

## EXPERIENCE

### WORKING STUDENT

2022-

**MTU Maintenance** | *Ludwigsfelde, Brandenburg, Germany*  
(Process Engineering)

- Process data analysis and visualization in Tableau
- Support of an AI development project
- Process analysis and representation in MS Visio
- Working with Excel/Access VBA and KNIME
- Cost-benefit comparison and obtaining offers

### INTERNSHIP

2021-2022

**MTU Maintenance** | *Ludwigsfelde, Brandenburg, Germany*  
(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

## INTERNSHIP

2019

*IMPACT Group | Berlin, Germany*

- Recruiting employees
- Employee scheduling and HR administration

## INTERNSHIP

2019

*Metallbau Gottschalk GbR | Berlin, Germany*

- Sawing, stamping, drilling, thread cutting, deburring
- Read and implement construction plans

## STAY ABROAD IN NEW ZEALAND

2017-2018

## EDUCATION

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### MSc IN INDUSTRIAL ENGINEERING

2022-

*Technical University of Berlin | Berlin, Germany*

### BEng IN INDUSTRIAL ENGINEERING

2018-2022

*TH Wildau | Wildau, Germany*

- Thesis topic: "Introduction of an artificial intelligence in engine maintenance based on the example of the development project automatic component recognition"
- Final Grade: 2.1

### ABITUR

2009-2017

*Johanna-Geissmar-Gymnasium | Mannheim, Germany*

- Final Grade: 2.1

## SKILLS

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Tableau, Microsoft Office



Project Management, Visual Basic,  $\LaTeX$



Python, Java

### Languages

- German (native)
- English (Full professional proficiency)