

# Thorben Lorenzen

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## EDUCATION

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### University of Bremen

*B.Sc. in Computer Science*

*M.Sc. in Computer Science; **Grade: 1.73***

### Willms Gymnasium

*German Abitur with a scientific profile*

Bremen, Germany

2017 – 2020

Oct 2020 – Jun 2023 (*Expected*)

Delmenhorst, Germany

2008 – 2015

## WORK EXPERIENCE

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### Self-Employed

*Developer, Project Leader, Consultant*

- End-to-End Implementation of AI Project: Analyzing Image Data and Generating Custom Tags for Yeggi.com  
Boss: Sebastian Karpp
- Project Lead of Small International Team for Website Development
- Smaller Projects: Maintenance, Implementation, Consulting
- Stack: Python, JavaScript, Golang

Bremen, Germany

Okt 2020 – Current

### Deepnoc GmbH

*Software Developer (fully remote)*

- Konzeption Design Implementation Scalable Back-End Service written in Golang
- Optimized for writing huge amounts of Data Parallel Time Efficient
- Steady Deployment in Cloud with Docker Linux etc.
- Migration from MongoDB to MySQL
- Stack: Golang, Elasticsearch, MongoDB, MySQL, Docker, Cloud
- Boss: Timm Bauten

Düsseldorf, Germany

Okt 2020 – Mar 2022

### Sonny S3 GmbH(now GoCaspi)

*Software Developer*

- Rest API Development Golang, MongoDB, MySQL
- Scrum Agile Development in international Team
- Boss: Ingo Sonnenburg

Bremen, Germany

Sep 2019 – Okt 2020

## AWARDS & ACHIEVEMENTS

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**World-Champion in RoboCup 2021 Standard Platform League** Securing WC-Title with Team B-Human.

Responsible for one challenge in intelligent behavior

## PROJECTS

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### B-Human Roboter-Football

- Implemented computer vision modules to perform real-time image processing and analysis in C++
- Project-Lead for WC-Behavior Challenge in C++
- Learned about Software-Design for robots which act in real time

### Frauenhofer Mevis

- Experience in medical imaging and deep learning: Quasi-Participated in the KITS21 Challenge to develop the best algorithm for segmenting kidneys, kidney tumors, and cysts in CT scans of patients.

### Machine Learning

- Full end-to-end implementation of AI-Pipeline of data recording, processing, feature extraction, feature selection, and prediction using machine learning and deep learning algorithms on time-series data and video data. E.g. Classifying Emotions from Face

## SKILLS

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**Programming:** Golang, Python, C++, JavaScript

**Technologies:** ChatGPT, Git, MongoDB, MySQL, Docker, Cloud, Linux, Elasticsearch, Vim, Tensorflow etc.

**Languages:** German (Native), English (Professional)