

# Fynn Leitow

## Fullstack and Machine Learning Engineer

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🌐 [fynn-leitow](#) 🎧 [lytefm](#)

Generalist with an eye for the detail. Good at diving into code bases and building efficient solutions for unclear requirements.

### SKILLS

#### NodeJS Backend Development

advanced

ExpressJS REST OWASP  
TypeScript

#### Mobile Web App Development

advanced

Ionic Capacitor Angular  
HTML TypeScript JavaScript

#### Data Engineering

advanced

Python numpy pandas

#### Developer tooling

advanced

Git GitLab VSCode Jira

#### Data Science

intermediate

PyTorch scikit-learn  
NetworkX XGBoost

#### Leadership

intermediate

Interviewing Onboarding  
Organising

#### Probabilistic Modelling

intermediate

Bayesian statistics Stan

#### Databases

intermediate

CouchDB PostgreSQL  
SQLite

#### General technical skills

intermediate

E-Mail Deliverability DNS  
Ansible Linux CI/CD Jira

### WORK EXPERIENCE (2)

#### Fullstack and Machine Learning Engineer | Perfood GmbH

Mar 2018 - Current

📍 Lübeck, Germany <https://perfood.de/>

From 10/2018 to 03/2020 in part time. Software engineering generalist at a healthcare startup.

- Built the application logic which enabled Perfood to offer the „MillionFriends“ lifestyle product in different variations, conduct paid and clinical studies and raise a 5M € Series A
- Built and shipped a machine learning model for the evaluation of glucose curves
- Maintained an Ionic/Angular app + NodeJS backend fulfilling the regulatory requirements of German digital health apps (DiGA)

#### Junior Java Developer (part time) | MSP AG

Oct 2016 - Feb 2018

📍 Hamburg, Germany <https://www.mspag.com/en/>

Maintained the backend software for the import of campaign planning data into the Censhare Retail Module

- Cleaned up legacy Java code and simplified installation process
- Improved performance from several minutes to a few seconds

### PROJECTS (2)

#### ▼ Maintenance of an authentication backend for CouchDB

<https://github.com/sl-nx/superlogin-next>

NodeJS TypeScript CouchDB

Forked an existing Codebase, modernized it to TypeScript and secured it according to OWASP criteria

#### ▼ University of Helsinki & Food and Agriculture Organisation of the UN

Sep 2019 - Dec 2019

<https://github.com/AvoinOrg/tree-cover-server>

Google Earth Engine XGBoost SQLite Flask Bootstrap

Estimation of tree cover from satellite images

### EDUCATION (3)

#### ▼ Professional development: Leadership training | LEAD Academy Berlin

2021 - 2021

Lateral leadership Storytelling Self-leadership

Leadership concepts and roles in a digital age

#### ▼ M.Sc. Data Science (Minor: Management) | Leuphana University of Lüneburg

2018 - 2021

Probabilistic Modelling Network Analysis Computational Statistics Time Series Analysis Natural Language Processing

Grade: 1.4

Theoretical foundation and applications in data science, fundamentals of data-driven businesses

#### ▼ B.Sc. Mathematics (Minor: Computer Science) | University of Greifswald

2013 - 2018

Randomized Algorithms Interactive Systems Data Structures and Algorithms Differential Equations Graph Theory

Grade: 1.8

A theoretical foundation in mathematics and computer science, applied in C++, Java and MatLab

### LANGUAGES

#### German

Native speaker

#### English

fluent