



# BENJAMIN WAGNER

## MACHINE LEARNING ENGINEER

### PERSONAL PROFILE

A software engineer with hands-on experience in developing machine learning systems and all parts of software development

### AREAS OF EXPERTISE

- C++ and Python
- Pytorch and Tensorflow
- ROS, CMake, Jenkins and Conan
- Working knowledge of C#, CUDA, Rust and Go

### OTHER SKILLS

- The ability to successfully collaborate on big software projects
- Excellent problem solver

### EXPERIENCE

#### MACHINE LEARNING ENGINEER

**ZF Group | February 2019 to present**

R&D for highly automated driving (Level 4)

Building a deep learning system to predict trajectories of other traffic participants. Going through all stages of development: from prototype to deployment in the current automated vehicle.

#### WORKING STUDENT

**Alfred-Wegener-Institute | March 2017 to January 2019**

Conception, design and implementation of an algorithm that aids engineers in the process of designing lightweight components. The algorithm reduced average construction time by two days.

### AWARDS

#### Audi Autonomous Driving Cup, 4th Place

Lead a team of four students in the international competition on automated driving. Built a deep learning system to detect cars and classify their moving intention.

### EDUCATION

#### UNIVERSITY OF BREMEN

##### Master of Mathematics and Computer Science, 2019

- Final grade: 1.2
- Thesis: Semi-supervised training of convolutional neural networks by solving Jigsaw puzzles

#### NATIONAL CHENGCHI UNIVERSITY, TAIPEI

##### Exchange semester, 2016

Learnt Mandarin Chinese

#### EBERHARD-GOTHEIN-SCHULE, MANNHEIM

##### Abitur, 2013

Graduated as best student of the year

### LANGUAGES

German: Mother tongue

English: Fluent

Mandarin: Fluent

### GET IN CONTACT

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