

Lorenz Stangier

Curriculum Vitae

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Education

2017–2020 **Cooperative State University (DHBW) Baden-Wuerttemberg Ravensburg, Friedrichshafen.**

B.Sc. Computer Science with Emphasis on Information Technology

2008–2016 **Hans-Leinberger-Gymnasium (High School), Landshut.**
High-School Diploma

Experience

Work-related

2019 **Carnegie Mellon University, Pittsburgh, PA, USA.**

Internship

Research internship in the AirLab at the Robotics Institute at Carnegie Mellon University over the course of six months. Worked on challenge one of MBZIRC 2020, an internationally renowned robotics competition.

- Development of a specialized object detection algorithm
- Comparison of object detection approaches using neural networks on drone hardware

2017–2020 **Airbus Defence and Space GmbH, Manching.**

Dual Student

Internships in different departments as part of the dual student programme. Also, development of my Bachelor's Thesis with the title "*Planning of collision free paths in multi-agent applications*"

Non Work-related

2016–2017 **Work and Travel, New Zealand.**

Work and Travel over the course of seven months in New Zealand.

Languages

German Mother tongue

English Advanced

Expertise

Programming Languages

- Python
- C/C++
- Java
- Bash

Tools and Software

- Linux
- Git
- Jupyter
- Microsoft Office
- LaTeX