

Curriculum Vitae

PERSONAL INFORMATION

Maximilian Pries

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Nationality: German

Languages: German (native), English (C2)

EDUCATION

- 09/2024–current **MSc Control Systems Engineering**, University of Padova, Italy
Current GPA: 3.8/4.0 (Original Grade: 29.0/30)
- 10/2020–08/2024 **BSc Aerospace Engineering**, Munich University of Applied Sciences
GPA: 3.6/4.0 (Original Grade: 1.4)
Thesis Title: Wind Modelling and Simulation for Urban Electric Air Vehicles
Grade: 4.0/4.0 (Original Grade: 1.0)

EXPERIENCE

- 10/2022–02/2023 **Systems Engineering Intern:** ESG Elektroniksystem- und Logistik GmbH
Python programming and Hardware setup of a virtual Communication Device
Emulator with a web-based User Interface
- 04/2022–08/2022 **Mechanics Tutor:** Munich University of Applied Sciences
03/2023–08/2023 Plane Stress Conditions, Beam Theory, Stress on Thin-Walled Profiles

EXTRACURRICULAR ACTIVITIES

- 08/2025 (planned) **IEEE RAS Summer School** on Multi-Robot Systems at CTU Prague
- 04/2022–08/2024 **Member** of the "TalentE³"-Program (promotion of talented students)
of the Munich University of Applied Sciences
- 09/2023–02/2024 **Erasmus Semester** at the University of Bologna, Italy
GPA 3.8/4.0 (Original Grade: 29.3/30)
- 08/2016–07/2017 **High School Exchange** at the El Capitan High School, CA, USA

TECHNICAL SKILLS

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| Python | Machine Learning and Communication Interface |
| C++ | Classical Computer Vision |
| MatLab
& Simulink | Model Based Design and various Technical Computing Tasks |

INTERESTS

Traveling, Analog Photography, Hiking, Calisthenics, Cooking, BMX-racing (national level 2009-2018)

July 19, 2025