

CURRICULUM VITAE

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Employment

11/2024 – today
German Aerospace Center (DLR)
Oberpfaffenhofen, Germany
Staff Researcher

Studies

10/2018 – 10/2024
California Institute of Technology, United States
Ph. D. Geophysics
Graduate Student Researcher

08/2016 – 12/2018
The University of Texas at Austin, United States
M. Sc. Aerospace Engineering, 3.93 GPA
Graduate Research Assistant at the Center for Space Research

10/2012 – 02/2016
Technische Universität München, Germany
B. Sc. Mechanical Engineering, passed with distinction
Overall grade 1.5 (top 5% of the class)

04/2008 – 09/2010
FernUniversität Hagen via the Young Business School Heidelberg,
Germany
B. Sc. Business Informatics, passed exams in 7 courses

Teaching Experience

01–03/2023, 04–06/2020
Teaching Assistant for Tectonic Geodesy, Caltech

01–03/2021
Teaching Assistant for Introduction to Earth and Planetary
Sciences: Geophysics, Caltech

10/2013 – 03/2015
Teaching Assistant for Higher Mathematics for Mechanical
Engineering, TUM

Internships

10/2015 – 02/2016
Industrial internship with Airbus Defence & Space GmbH
Mechanical Design Office
Ottobrunn, Germany

08-09/2012	Industrial internship with Premium Aerotec GmbH Augsburg, Germany
05/2009	Student internship with Braun GmbH (Procter & Gamble Co.) Department Research and Development Bad Homburg, Germany

Social Engagement

08/2012 – today	Member of the Service Civil International (German Branch) e.V.
09/2020 – 9/2024	Mentor in the buddy program for first-year Geophysics students
10/2019 – 9/2024	Elected officer of the Caltech Alpine Club
06/2022 – 12/2023	Member of the Unlearning Racism in Geosciences Pod in the Division of Geological and Planetary Sciences, Caltech
06/2020 – 06/2022	Member of the graduate student council, elected student representative for the Division of Geological and Planetary Sciences, Co-Chair of the student council 02/2021 – 06/2022
10/2012 – 09/2015	Member of the student council, elected student representative within the Department of Mechanical Engineering, head of the student newspaper
09/2011 – 07/2012	Volunteer Service in Togo, West Africa with the SCI Germany Teacher for Mathematics, Physics and Chemistry at the Collège d'Enseignement Général de Gadjagan

Oberpfaffenhofen, December 17, 2024