

Markus Lohmayer

curriculum vitae

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in markus-lohmayer

birthday: 01/08/1989 (D/M/Y)

birthplace: Landshut, Germany

Education

- 04/2017 – present **Master of Science in Computational Engineering,**
Friedrich-Alexander Universität (FAU), Erlangen, Germany,
current average grade: 1.3 (1=best, 6=worst)
- Research visit to *Laboratoire d'Acoustique de l'Université du Mans*, Le Mans, France (10/2017 – 12/2017)
 - Research visit to *Department of Applied Mechanics IIT Delhi*, Delhi, India (12/2017)
- 10/2013 – **Bachelor of Science in Mechatronics Engineering,**
04/2017 *FAU, Erlangen, Germany,*
average grade: 1.5 (1=best, 6=worst)
- Exchange semester at *UPC, Barcelona, Spain* (winter semester 2015)
- 07/2000 – **Abitur,**
06/2009 *Gymnasium Dorfen, Dorfen, Germany,*
average grade: 1.9 (1=best, 6=worst)
- 08/2006 – **Exchange year,**
07/2007 *Gillespie Highschool, Gillespie, IL, USA,*
GPA 3.9 (4.0-scale)

Scholarships etc.

- 04/2018 – present **Bavarian Graduate School of Computational Engineering, Elitenetzwerk Bayern**
- 10/2018 – present **Deutschlandstipendium, Ilse und Dr. Alexander Mayer Stiftung**
- 09/2015 – present **Leonardo-Kolleg, ZiWiS, FAU**
- 01/2015 – **Deutschlandstipendium, Siemens AG**
01/2016

Professional Experience

- 01/2019 – **Translate and revise lecture notes for Geometric Numerical Integration,**
03/2019 *Chair of Applied Dynamics (LTD), FAU, Erlangen, Germany*
- 04/2018 – **Teaching Assistant: Machine-Oriented Programming in C,**
08/2018 *Department of Computer Science 4 (Distributed Systems and Operating Systems), FAU, Erlangen, Germany*
- 04/2018 – **Teaching Assistant: Mechanical Vibrations,**
08/2018 *Chair of Applied Mechanics (LTM), FAU, Erlangen, Germany*
- 11/2017 – **Teaching Assistant: Dynamics of Rigid Bodies,**
03/2018 *Chair of Applied Dynamics (LTD), FAU, Erlangen, Germany*
- 01/2017 – **Research Assistant,**
10/2017 *Chair of Applied Mechanics (LTM), FAU, Erlangen, Germany*
- 04/2017 – **Teaching Assistant: Mechanical Vibrations,**
08/2017 *Chair of Applied Mechanics (LTM), FAU, Erlangen, Germany*

- 04/2015 – **Teaching Assistant: Machine-Oriented Programming in C,**
08/2015 *Department of Computer Science 4 (Distributed Systems and Operating Systems), FAU, Erlangen, Germany*
- 10/2014 – **Teaching Assistant: Foundations of Computer Science,**
01/2015 *Department of Computer Science 9 (Computer Graphics), FAU, Erlangen, Germany*
- 10/2011 – **Apprenticeship in Carpentry,**
08/2013 *Schreinerei Prinz, Gestratz, Germany*
- 01/2011 – **Internship in Carpentry,**
04/2011 *Schreinerei Prinz, Gestratz, Germany*
- 09/2008 – **Academic Coaching for High School Students,**
07/2009 *Schülerhilfe, ZGS Bildungs-GmbH, Dorfen, Germany*
Mathematics, Physics and English
- 09/2007 – **Academic Coaching for High School Students,**
07/2008 *Stefans Lernstudio, Dorfen, Germany*
Mathematics, Physics and English

Workshops and Conference Participations

- 05/2018 **Course: Advanced C++ with Focus on Software Engineering,** *High-Performance Computing Center Stuttgart (HLRS), Stuttgart, Germany*
- 09/2017 **Summer School: System Identification and Uncertainty Quantification,** *Ferienakademie (TU Munich, FAU, Uni Stuttgart), Sarntal, Italy*
- 08/2017 **European Conference on Python in Science (EuroSciPy),** *Erlangen, Germany*
- 08/2016 **European Conference on Python in Science (EuroSciPy),** *Erlangen, Germany*
- 10/2015 **Third International Workshop on Thermoacoustics,** *University of Twente, Enschede, Netherlands*

Extra Qualifications

- 05/2018 **Certificate in Teaching Assistant Skills,** *Fortbildungszentrum Hochschullehre (FBZHL), FAU, Fürth, Germany*

Languages

German	mother tongue
English	business fluent
Spanish	fluent
French	basics

Voluntary Work

- 04/2011 – **Ecovillage,**
07/2011 *Communauté Vitulettu, Pietricaggio, Corse, France*
organic vegetable gardening and construction work for the community
- 08/2010 – **Work on a Farm, Organic farm of Georg Hartinger (Demeter),**
10/2010 *Hodersberg, St. Wolfgang, Germany*
- 05/2010 – **Environmental education project, Tagwerk eV/eG (www.tagwerk.net),**
07/2010 *Dorfen, Germany*
I worked on designing a field trip for high school students to an organic farm teaching them about ecology and in particular soil fertility. I worked on preparation of the program and eventually we spent time with students on site. Besides that, I helped with other projects and administrative tasks.

08/2009 – **Alternative Civilian service,**
04/2010 *Asociación de Agricultura Ecológica*, Puerto Maldonado, Madre de Dios, Peru,
NGO promoting agroforestry as an alternative to the slash-and-burn farming method
I worked in maintenance and development of a model field, i.e. a young rain forest yielding a
revenue.

Hobbies

Sports Mountain biking, trail running and hiking up mountains are my favorite sports.
Gardening I love growing vegetables and making compost.

Markus Lohmayer

Erlangen, January 7, 2019