



GUNNAR SCHMIDT

Dipl.-Ing. (M.Sc.) Physikalische Ingenieurwissenschaft

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EDUCATION

2012
Thesis
„Stabilization of a Bicycle“
Free University of Berlin

- Control Engineering
- Mechanics and Construction

 <https://thesis.gunnar-schmidt.com>

2005 - 2012
M. Sc.
Physical Engineering
Technical University of Berlin

- Control Engineering
- Continuum and Structural Mechanics

2004
German Abitur
„Measurement Methods for Determining Erythrocyte Diameter“
Rudolf Hildebrand Secondary School

- Physic
- Math

INTERESTS







GOALS

“Engineering is developing technology; first and foremost, it is to improve quality of life”

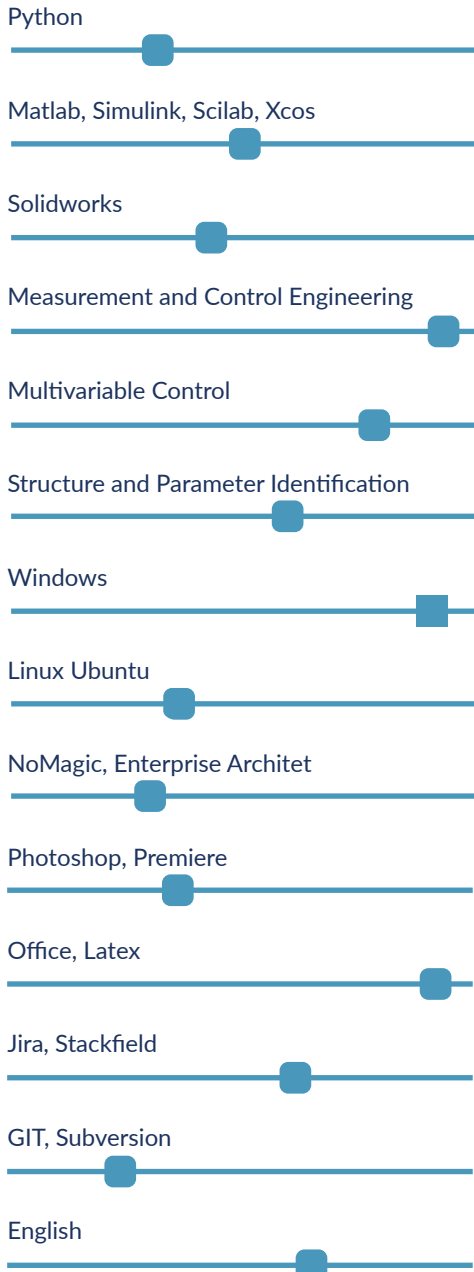
With my knowledge, experience, and creativity, I am eager to contribute to your engineering team. My focus is on materializing and realizing forward-thinking innovative ideas through passionate commitment, effective work practices, and achieving optimal results.

EXPERIENCE

- 10.2024  **Technical Renovation Projects & Parental Leave**
 - Electrical work, building technology, heating systems, interior construction
 - Project coordination and caregiving responsibilities
- 09.2024 - 10.2022  **System Control Engineer**
Clage GmbH Lunenburg
Development of flow-controlled and electronically regulated tankless water heaters for energy-efficient and comfortable hot water supply.
 - Develop control algorithm
 - Simulate tankless water heaters using Scilab
 - Plan and automate tests with Python
- 03.2021  **Founder**
MoveIT rocks e.U. Lunenburg
Founding a company for the development of electronic consumer products.
 - Web design, marketing, acquiring competitions
 - Developing prototype and product design
 - Establishing contacts and managing bookkeeping

 <https://vimi.family>

SKILLS



INTERNATIONAL

08.2008 - 10.2008

Technical Internship

Brompton Bicycle Ltd London

- Quality Control
- Brazing and Assembly

10.2004 - 10.2005

Voluntary Social Year

Beannachar Camphill Community Aberdeen

EXPERIENCE

02.2021
07.2018

Test Engineer

Leoni Kabel GmbH Nuremberg

The Digital Solution Group of LEONI Kabel GmbH focuses on the development and implementation of innovative digital solutions and technologies to optimize products and processes in the field of cable and connection technology.

- Build automated test benches (HiL)
- Conduct system tests with Python
- Assemble toolchain with RestAPI
- Specify system requirements with PTC Integrity, Enterprise Architect, and HELIX ALM
- Derive functional requirements of embedded hardware into system architecture using Systems Modeling Language (SysML)

06.2018
01.2016

Development Engineer

Electrolux Rothenburg GmbH

Electrolux Rothenburg GmbH is globally responsible for innovation in the cooking sector as well as for the manufacturing of high-quality ovens and cooktops.

- Lead technical innovative projects for cooktops
- Build prototypes and conduct tests
- Plan projects and create test plans

12.2015
02.2013

System Control Engineer

Electrolux Rothenburg GmbH

- Adapt control algorithms based on thermal lab experiments
- Identify oven system using Matlab / Simulink

06.2010
12.2008

Working Student

Institut für Werkzeugmaschinen und Fabrikbetrieb Berlin

- Simulate flow polishing processes using ANSYS Fluent
- Develop process models for highly viscous flows


Gunnar Schmidt

Lunenburg, 2026