

## Pia Muster

Kirchstraße 333  
76131 Karlsruhe  
Germany

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### Experience

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Since 04/20xx

#### **Research associate in the field of materials development**

Institute for Applied Materials (IAM), Karlsruhe Institute of Technology (KIT), Karlsruhe

- Development of materials for energy applications
- Project manager in the project "Modeling and Optimization of Materials" in cooperation with ABC AG
- Close cooperation with industrial partners

*Note: When applying outside of academia, you should list the activities related to your doctorate as work experience.*

### Doctorate

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04/20xx – 04/20xx

#### **Doctorate on the topic "Materials for solar thermal energy"**

Institute for Applied Materials (IAM), Karlsruhe Institute of Technology (KIT), Karlsruhe

- Modeling and optimization of materials
- Analysis of the application spectrum of materials
- Participation in and lectures at international conferences
- Supervision of bachelor students and research assistants
- Grade: „magna cum laude“

### Studies

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10/20xx – 04/20xx

#### **Master of Science Mechanical Engineering**

Technical University of Munich (TUM), Munich

- Focus: materials science
- Final grade: 1,5 (1="very good", 2="good")
- Master's thesis: "Development of materials"

- 04/20xx – 07/20xx      **Semester abroad "Engineering"**  
University of Oxford, Oxford, Great Britain
- Electives: "Materials Physics" and "Materials Science"
- 10/20xx – 09/20xx      **Bachelor of Science Mechanical Engineering**  
Technical University of Munich (TUM), Munich
- Final grade: 1,7 (1="very good", 2="good")
  - Bachelor's thesis: "Energy efficiency in logistics - concepts, models and further research needs"

## Internships and part-time jobs

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- 04/20xx – 08/20xx      **XYZ Innovation AG, Munich, Germany**  
Internship in advance development
- Simulated the static instability of membranes
  - Supported the project manager in day-to-day business
- 10/20xx – 03/20xx      **Technical University of Munich (TUM), Institute for ABC, Munich, Germany**  
Research assistant in the field of science communication
- Assisted in organizing meetings
  - Assisted in the preparation of scientific texts
  - Literature research

## Education

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- 07/20xx      **General higher education entrance qualification (Abitur)**  
Gottlieb Daimler high school, Munich
- Final grade: 2,0 („good“)
  - Prize for special achievements in mathematics

## Engagement

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- 01/20xx – 01/20xx      Chairman of the doctoral students' association, KIT, Karlsruhe
- 08/20xx – 04/20xx      Member of the mechanical engineering student council, TUM,  
Munich Head of Finance Department

**Selected publications** (Note: In the case of an application outside of science, publications are less relevant. If you would like to list publications, then select the most important publications or those most relevant to the area. You can add other publications to your application on a separate list of publications in the appendix.)

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20xx	P. Muster, J. Maier, U. Schmidt, M. Müller, et al., SAMPLE TITEL, Int. J. Refract. Met. Hard Mater. 54 (20xx) 251–269.
20xx	P. Muster, M. Becker, A. Koch, H. Ziegler, et al., ANOTHER SAMPLE TITEL, Adv. Eng. Mater. (20xx) 391–401.

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### Other skills

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<b>Languages</b>	German	Native speaker
	English	Fluent
	French	Basic knowledge
<b>Computer knowledge</b>	Matlab	Very good knowledge
	Simulink	Very good knowledge
	Abaqus	Good knowledge

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### Personal Interests

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Road bike, tennis, travel (South America)

**References** (Note: References are not expected to be included in the CV for non-academic applications. If you have relevant references that may be known in the industry, you can include them in the CV.)

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Prof. Dr. Dietmar Schaeffer, TUM, Munich  
Head of the Institute for ABC  
Contact: dietmar.schaeffer@tumabc.com, +49 123 456 789

Dr. Barbara Schmied, XYZ Innovation AG, Munich  
Head of Advance Development  
Contact: barbara.schmied@xyzinnoag.com, +49 987 654 321

Karlsruhe, 15.06.20xx

*Signature*