

HAIYAN WANG

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Bergstraße 56 ■ 76334 Karlsruhe

Work authorisation: Residence permit for work or research purposes, eligible for employment in Germany

EXPERIENCE

RESEARCH ASSOCIATE, MATERIALS DEVELOPMENT

- Development of materials for energy applications
- Project manager as part of the project "Modelling and optimisation of Materials" in cooperation with the DFG AG
- Cooperation with industrial partners

DOCTORATE

DOCTORATE "MATERIALS FOR SOLAR THERMAL ENERGY"

- Modelling and optimisation of materials
- Analysis of the application spectrum of materials
- Participation in and presentations at international conferences
- Supervision of bachelor theses and research assistants
- grade: "magna cum laude"

STUDIES

MASTER OF SCIENCE (M.SC.) MECHANICAL ENGINEERING

- Master's thesis: "Development of materials"
- Specialisations: Design and production, materials science
- Final grade: 1,7 (1="very good", 2="good")

BACHELOR OF ENGINEERING (B.ENG.) MECHANICAL ENGINEERING

- Bachelor's thesis: "Energy efficiency in logistics - concepts, models and further research needs"
- Focal points: Werkstoffkunde, technische Mechanik
- Final grade: 1,4 (1="very good", 2="good")

INTERNSHIPS AND PART-TIME JOBS

WORKING STUDENT IN RESEARCH AND DEVELOPMENT

- Support in the design and development of machine components
- Carrying out calculations and simulations
- Creation of technical documentation and presentations
- Working closely with the production team to implement design changes



Since 08/20xx

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

08/20xx – 09/20xx

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

10/20xx– 03/20xx

Technical University Berlin
Berlin

09/200xx – 06/20xx

Tongji University
Shanghai

08/20xx – 02/20xx

Muster AG
Berlin

INTERNSHIP, PRODUCT DEVELOPMENT DEPARTMENT

- Carrying out calculations and simulations to optimize components using CAD software
- Collaboration in the creation of technical drawings and specifications for components and assemblies
- Creation and maintenance of technical documentation and protocols for internal and external communication

08/20xx – 02/20xx

Muster AG
Berlin

SCHOOL

HIGH-SCHOOL DIPLOMA (ABITUR)

- Final grade: 1,9 (1="very good", 2="good")

07/2005

Shanghai High School, International Division
Shanghai

TECHNICAL SKILLS

- Technical Software: MATLAB, ANSYS, AutoCAD Very good knowledge
- Programming: Python, C++, Java Good knowledge

LANGUAGE SKILLS

- English Fluent
- Chinese Native speaker
- French Basic knowledge

VOLUNTARY WORK

CHAIRPERSON OF THE PROMOTIONAL ASSOCIATION

- Organisation of network meetings, workshops and mentoring programmes
- Representation of doctoral candidates vis-à-vis university committees and external partners

01/20xx – 01/20xx

Karlsruhe Institute of Technology (KIT)
Karlsruhe

MEMBER OF UNICEF UNIVERSITY GROUP

- Sponsorship and external communication

08/20xx – 04/20xx

Technical University Berlin
Berlin

SELECTED PUBLICATIONS

H. Wang, A. Müller, J. Maier, U. Schmidt, M. Müller, et al., SAMPLE TITEL, Int. J. Refract. Met. Hard Mater. 54 (20xx) 251 – 269.

20xx

H. Wang, M. Becker, A. Koch, H. Ziegler, et al., SAMPLE TITEL, Adv. Eng. Mater. (20xx) 391 - 401.

20xx

FURTHER EDUCATION AND CERTIFICATES

- Certificate in project management (PMI) 20xx
- Participation in workshops on advanced manufacturing technologies and robots 20xx

PERSONAL INTERESTS

- Sudoku
- Cross-country running and outdoor activities

REFERENCES

DR. GISELA HAMMERSCHMIDT

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Karlsruhe, 16.10.20xx

Unterschrift