

# Curriculum Vitae

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## Personal Profile

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Highly motivated, conscientious, hardworking, and keen to learn. Good team working and organizational qualities through various projects within both academic and non-academic environments. Excellent knowledge of standard software packages and good English skills.

## Education

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- 10/2014 – 12/2017 **[Gottfried Wilhelm Leibniz Universität], [Hannover]**  
M.Sc. Water, Environmental and Coastal Engineering  
Major: Water and Environmental Engineering  
Thesis Title: Benchmark Reference Solution for Thermal Dispersion in Porous Enclosures: Semi-analytical Solution vs OpenGeoSys  
Degree: 1.8
- 10/2011 – 02/2015 **[Gottfried Wilhelm Leibniz Universität], [Hannover]**  
B.Sc. Civil and Environmental Engineering  
Major: Environmental Engineering  
Thesis Title: Analysis of the Influence of Inflow and Outflow Conditions on the Energy Consumption of the Biological Stage of the Wastewater Treatment Plant Essen-Kupferdreh  
Degree: 2.8

## Work Experience

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- 01/2018 – now **Research assistant [Gottfried Wilhelm Leibniz Universität], [Hannover]**  
[Institute of Fluid Mechanics and Environmental Physics in Civil Engineering (ISU)]
- TransTiP Graduate School (W1): Physical Analysis and Numerical Modeling of Flow Systems in the Nam Co Catchment, Tibetan Plateau
- 09/2018 – 12/2018 **Writing Master Thesis, [Université de Strasbourg], [France]**  
[Laboratoire d'Hydrologie et de Géochimie de Strasbourg (LHyGeS)]
- Development of Numerical Benchmark Solution by using OpenGeoSys (OGS) for comparing Thermal Dispersion in Porous Enclosures with Semi-analytical solution developed by Marwan Fahs, PhD.
- 01/2016 – 09/2016 **Student assistant [Gottfried Wilhelm Leibniz Universität], [Hannover]**  
[Institute for Sanitary Engineering and Waste Management]
- Literature research
  - Supporting of academic management activities
- 08/2014 – 09/2014 **Internship, [Ingenieurgesellschaft Dr. Knollmann mbH], [Hannover]**
- Editing of a location map of Hämelerwald by using AutoCAD
  - Assistance in bid evaluation (AVA-Software California) – new construction of surplus sludge pumping station treatment plant of Gütersloh
  - Assistance in drafting of a drainage application – new construction Aldi Hankensbüttel

- 10/2013 – 03/2014 **Student assistant [Gottfried Wilhelm Leibniz Universität], [Hannover]**  
[Institute for Sanitary Engineering and Waste Management]
- Student advisor
- 08/2013 – 09/2013 **Internship, [Bethke+Leide Tief- und Straßenbau], [Hannover]**
- Assistance in excavation work
  - Assistance in installation of a shaft
  - Assistance in groundwater table drawdown

### International Experience

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- 07/2018 – 07/2018 **Field Work Campaign, [Institute of Tibetan Plateau Research, CAS], [Lhasa, Beijing], [China]**
- Research stay at Nam Co Monitoring and Research Station for Multisphere Interactions (NAMORS)
  - Field investigation, piezometer and data logger installation
- 09/2017 – 12/2017 **Study abroad student, [Université de Strasbourg], [France]**
- Master Thesis supervised by Marwan Fahs PhD

### Voluntary activities

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- 02/2017 – 07/2017 **[Integrierte Gesamtschule Vahrenheide/Sahlkamp], [Hannover]**  
Teaching students Tennis
- 09/2006 – now **[TuS Vahrenwald 1908], [Hannover]**
- Volleyball
- 06/2006 – now **[TuS Vahrenwald 1908], [Hannover]**
- Tennis

### Skills

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- Languages:
- German, native speaker
  - English, good
  - French, basic
  - Vietnamese, basic
- Software:
- MS Office (Word, Power-Point, Excel), advanced skills
  - AutoCAD
  - Matlab
  - OpenGeoSys (opensource)
  - RStudio (opensource)
- Drivers licence:
- class B