

VANESSA RATHKE

EDUCATION

University of Konstanz: Process and environmental technology
2020 - today

Seoul National University of Science and Technology, South Korea
September – December 2021

University of Konstanz: Environmental technology and resource management
2018 - 2020

German high school: Friedrich-Wöhler-Gymnasium, Singen
2009 - 2017

WORKING EXPERIENCE

Miltenyi Imaging GmbH: Working student in production transition
October 2020 – today
The activity included the coordination of project implementation in the area of production transition with regard to the topic of digitalization 4.0.

RBR Elektroteam GdBR: Internship in electrics and construction
August – September 2019

ACS Umwelttechnik: Internship in environmental technology
July – August 2019
The internship took place within the framework of a project from Federal Ministry of Education and Research: Wave-Project Hypowave - Use of hydroponic systems for resource-efficient agricultural water reuse.

SKILLS

Languages

German (native)	French (B1)
English (fluently, B2/C1)	Italian (B1)

Computer programs

MS Office	Matlab, Simulink, CFD
CAD, SolidWorks	HTML5, CSS, JavaScript

Other

Technical drawing	Driver's license (class B)
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VOLUNTARY ACTIVITIES

University of Konstanz: eLaketric Racing Team

March 2022 - today
The team of students designs and builds an electrically powered racing motorcycle and joins the international MotoStudent competition.

University of Konstanz: MINT & Me Mentoring

March 2021 - today
The mentor supports female students in choosing a career in the technical field.

University of Konstanz: Helping Hand

December 2020 - today
The student group supports international students at the University of Konstanz and organizes meetings and helps with any kind of problems.



PROFILE

As a student at the faculty of Mechanical Engineering, I am always eager to learn new things and gain new experiences. Thereby my interests lie in research and development. My personal interests are determined by a sporty and ecological lifestyle. Furthermore, my hobbies include working on small technical projects, such as the independent learning of programming languages for web development and electrical engineering projects with the microcontroller Arduino.

CONTACT

Phone:
0049 17630170857

E-Mail:
Vanessa.rathke@gmail.com

Webpage:
<https://vanessarathke.github.io/VanessaRathke/>

HOBBIES

Gymnastics
Horse Riding
Webdevelopment
Electrotechnical projects with Arduino