



# Simon Rihm

Engineer, Thinker, Techie

Fascinated with electrochemistry and micro electronics as well as novel software computing applications, I aim to build new things and contribute to sustainability.

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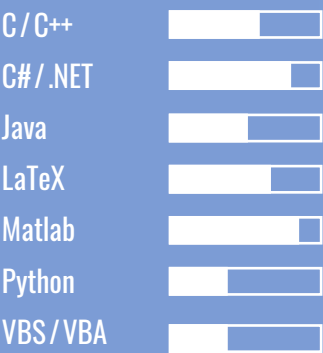
13 Buntestraße  
76131 Karlsruhe   
Germany

May 28, 1993

## Achievements

- ✓ Master's Degree with Distinction (highest honor)
- ✓ Development of main planning platform for medium-size company (~200 employees)
- ✓ Board member of a student group, 1 year
- ✓ Co-Development of B2C app prototype, managed alpha test with ~50 users

## Technical Skills



## Competencies

**Teaching Experience**

- 5 years of tutoring
- 2 years teaching

**Project Management**

- Project planning
- Team leadership

## Independent Work Experience

<b>Software Developer</b> 01/2020 – Present Self-Employed	<ul style="list-style-type: none"><li>• Custom B2B software development</li><li>• Project-based freelancing</li></ul>
<b>Head of Product &amp; Sales</b> 09/2018 – 12/2019 HiveIntelligence GbR	<ul style="list-style-type: none"><li>• Management of client project</li><li>• Development of Desktop ERP software</li><li>• Design and evaluation of B2C mobile app</li></ul>
<b>Freelance Consultant</b> 05/2015 – 11/2018 via studentec e.V.	<ul style="list-style-type: none"><li>• PM at student-run engineering office</li><li>• 8 succesful client projects (process optimization, software, ergonomics, etc.)</li></ul>

## Employment Experience

<b>Automotive Engineer</b> 05/2017 – 10/2017 Mahle Behr GmbH & Co. KG	<ul style="list-style-type: none"><li>• Internship in Research &amp; Development (thermomanagement, HX predev.)</li><li>• Optimization of measurement principles</li></ul>
<b>Simulation Engineer</b> 10/2016 – 04/2017 Wenger Engineering GmbH	<ul style="list-style-type: none"><li>• Internship in Simulation &amp; Development</li><li>• FVM/FEM aerodynamics &amp; heat analysis</li><li>• Final project reports and presentations</li></ul>
<b>Teaching Assistant</b> 04/2015 – 10/2016 KIT: ITTK	<ul style="list-style-type: none"><li>• Institute of Technical Thermodynamics and Refrigeration (Thermodynamics I/II)</li><li>• Head of weekly tutorials, grading of tests</li></ul>
<b>Research Assistant</b> 01/2016 – 09/2016 KIT: TVT	<ul style="list-style-type: none"><li>• Institute of Thermal Process Engineering</li><li>• Optimization of a measurement system using CFD methods (cooperation project)</li></ul>

## Educational Attainment

<b>Master of Science</b> 10/2015 – 09/2019 KIT (University of Karlsruhe)	<ul style="list-style-type: none"><li>• Chemical &amp; Process Engineering (Majors: Thermodynamics, Thermal Process Eng.)</li><li>• Thesis: Battery Cell Behavior Simulation</li></ul>
<b>Bachelor of Science</b> 10/2012 – 09/2015 KIT (University of Karlsruhe)	<ul style="list-style-type: none"><li>• Chemical &amp; Process Engineering</li><li>• Thesis: Simulative investigation of a measurement setup</li></ul>