



Marco Heyden

Curriculum vitae

Contact

Name Marco Heyden
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Education

10.2017 – 11.2019 **M.Sc. Informatik**, *Karlsruhe Institute of Technology*
Grade: 1.7

07.2016 – 11.2016 **Semester abroad**, *Stellenbosch University, South Africa*

10.2013 – 10.2017 **B.Sc. Mechatronics and Information Technology**, *Karlsruhe Institute of Technology*, Schwerpunkte Elektrotechnik und Informationstechnik, Abschlussnote 2,5

09.2012–04.2013 **Bachelor Biotechnology**, *University of applied science, Mannheim*

Master thesis

Thema Anytime Tradeoff Strategies for Multiple Targets

Betreuer Prof. Dr.-Ing. Klemens Böhm, M.Sc. Edouard Fouché

Zeitraum 05.2019 – 11.2019

Note 1,3

Bachelor thesis

Subject Development of a system consisting of an iOS app, a generic BLE profile, and a networked sensor system for energy-autonomous operation on a thermoelectric generator

Betreuer Prof. Dr. Uli Lemmer, M.Sc. Matthias Hecht

Zeitraum 04.2017 – 09.2017

Note 1,0

Experience

since 10.2021 **Researcher**, *Karlsruhe Institute of Technology*, Karlsruhe, Institute for Program Structures and Data Organization (IPD)
Work data stream mining and decision making under uncertainty

- 01.2020–09.2021 **Researcher**, *Research Center for Information Technology (FZI)*, Karlsruhe, Information Process Engineering (IPE)
Work on outlier and change detection in fog and edge computing scenarios
- 03.2019–10.2019 **Research assistant**, *Karlsruhe Institute of Technology*, Karlsruhe, Institut for intelligent process automation and robotics (IPR)
Implementation of an augmented reality application for security concepts in human-robot interaction in automated industrial warehouses.
- 01.2018–12.2018 **Working student**, *Otego GmbH*, Karlsruhe
Software development for low-power embedded devices
- 04.2017–12.2017 **Working student**, *SAP SE*, Walldorf
IoT Enablement; working on digital twins
- 01.2017–03.2017 **Working student**, *Stocard GmbH*, Mannheim
Mobile app development for iOS
- 04.2016 – 06.2016 **Internship**, *Stocard GmbH*, Mannheim
Mobile app development for iOS in Swift and Objective-C, helping redesign and implement the Stocard app, development of the Apple Watch app.
- 10.2015 – 03.2016 **Research assistant**, *Research Center for Information Technology (FZI)*, Karlsruhe
Work on autonomous robots at the House of Living Labs.

Languages

Englisch	Fluent
Französisch	School level
Afrikaans	School level

Social engagement

- 07.2016–10.2016 **Community Work**, *Vlottenburg Primary School*, South Africa
Teaching first-grade students from the surrounding townships, aged six to ten.
- 2008–2018 **Golf**, Division 1 player and golf teacher

Hobbies

Sport	Golf, Soccer, Gym, Ski, Diving
Photography	Animals, street, and landscape photography
Travelling	I love exploring new places and meeting new people