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. Mechatroncis 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

Subject	Anytime Tradeoff Strategies for Multiple Targets.
Supervisor	Prof. Dr.-Ing. Klemens Böhm, M.Sc. Edouard Fouché
Time	05.2019 – 11.2019
Grade	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.
Supervisor	Prof. Dr. Uli Lemmer, M.Sc. Matthias Hecht
Time	04.2017 – 09.2017
Grade	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	**Reserach 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

English	Fluent
French	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.
2008–2018	**Golf**, Division 1 player and golf teacher.

Hobbies

Sports, Traveling, Photography