# Curriculum Vitae

## Personal Details

Dorothea Koert
Technische Universität Darmstadt
Fachbereich Informatik
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64289 Darmstadt

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| Date of Birth: | 10.09.1990 |
| Place of Birth: | Hanau |
| Nationality: | German |
| Marital Status: | Married, 1 child (2020) |
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## Education

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| 06/2016 - 02/2020 | **Technical University Darmstadt**<br>Dr. Ing. (Summa cum laude)<br>PhD student at the research group Intelligent Autonomous Systems<br>PhD thesis: “Interactive Machine Learning for Assistive Robots” |
| 10/2013 – 04/2016 | **Technical University Darmstadt**<br>M.Sc. Computational Engineering (Grade 1.1)<br>M.Sc. Autonomous Systems (Grade 1.1)<br>Masterthesis:”Combining Human Demonstrations and Motion Planning for Movement Primitive Optimization” |
| 10/2010 – 10/2013 | **Technical University Darmstadt**<br>B.Sc. Computational Engineering (Grade 2.0)<br>specialisation in Computational Mechanical and Process Engineering<br>Bachelor thesis: “Using point cloud Registration for Visual SLAM“ |
| 07/2009 – 09/2010 | **Voluntary Social Year**<br>at ambulance service “DRK Mittelhessen“,<br>finished as certified paramedic |
| 08/2001 – 06/2009 | **Elisabethschule Marburg**<br>Abitur (Grade 1.2), Major subjects: Mathematics and Chemistry |

## Work Experience and Activities

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| Since 10/2020 | Head of BMBF junior research group IKIDA<br>(Interactive AI for Domain Experts and Everyday Users) |
| Since 06/2018 | BMBF project KoBo34<br>Development of an assistive robot for the elderly |

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| Since 04/2019 | Teaching Assistant “Statistical Machine Learning” |
| 04/2018 – 10/2018 | Teaching Assistant “Projektseminar Computational Engineering” |
| 02/2017 – 09/2019 | Coordinator of the Softwaregroup of the aDDa 4 Students Team Development of an autonomous car at TU Darmstadt |
| 04/2015 – 06/2016 | Member of Team ARGONAUTS ,Participating in the ARGOS Challenge, to create Autonomous Robots for Gas and Oil Sites |
| 10/2012 – 04/2016 | Member of Team Hector Darmstadt<br>Development of autonomous search and rescue robots for disaster response scenarios, participation in international competitions including the Darpa Robotics Callenge Finals in 2015 |

## Skills

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| Languages | German (native), English(fluent) , Latin (Latinum) |
| Technical Skills | C++, Python, ROS, Linux (Ubuntu), Latex |

## Awards and Stipends

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| 02/2021 | Award for outstanding Ph.D. Thesis of the “Vereinigung von Freunden der Technischen Universität zu Darmstadt e.V.” |
| 12/2019 | KI-Newcomer Award of Gesellschaft für Informatik |
| 10/2016 | “Dr. Kanako Miura Award” of the IEEE-RAS International Conference on Humanoid Robots (Travel support award for female students) |
| 10/2014 – 09/2015 | Deutschlandstipendium<br>(Stipend for outstanding achievements at university and social engagement) |
| 2013, 2014, 2015 | Winner of “Best in Class Autonomy”-award in the Robot Rescue League (2013, 2014, 2015) and Winner of Robot Rescue League at RoboCup (2014) with Team Hector (international competition for search and rescue robots) |

## Voluntary Work and Interests

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| 10/2016 – 10/2018 | Gender equality officer at the computer science department ( participating in hiring commissions, managing of the gender equality budget, organization of workshops ) |
| 10/2015 - 10/2019 | Member of the managing board for gymnastics at TSG 1846 Darmstadt |
| Since 10/2010 | Coach (C trainer license) for artistic gymnastics at TSG 1846 Darmstadt |