JULIA DÜRR

E-Mail: julia.duerr2011@web.de
Phone: +49 (0)1520 6000472
Address: Belgradstr. 68 | 80804 München

Education

10.2024 – Present	**Master of Electrical Engineering at the Technical University of Munich**
10.2023 – 09.2024	**PreMaster Program at Robert Bosch GmbH** Project Purchasing • Interface between technology and suppliers • Communication and negotiation with suppliers • Project Management
10.2020 – 09.2023	**Dual Study Program at Robert Bosch GmbH** Degree: Bachelor of Engineering in Electrical Engineering Grade: 1.4
10.2012 – 09.2020	**Salzach-Gymnasium Maulbronn** Degree: Abitur (University Entrance Qualification) Grade: 1.2
10.2008 – 09.2012	**Kirsten-Boie Elementary School, Ölbronn-Dürrn**

Practical Experience

05.2023 – 09.2023	**Bachelor Thesis in the Bosch research area "HW/SW CO-Design & Embedded AI" on the topic "Compression of an Eye Tracking Neural Network for Embedded Inference"** • Python, TensorFlow • Compression methods for neural networks
01.2023 – 05.2023	**Practical Assignment „Preparation and execution of compression experiments with deep neural networks for image classification on the ImageNet Dataset“** • Python, TensorFlow • Data Generators
2022/2023	**Participation in the Carolo Cup within the DHBW "Smart Rollerz" team** • Longitudinal and lateral control
30.05.2022 – 20.08.2022	**Practical Assignment „Model validation and interface development for closed-loop simulation of automated emergency evasive maneuvers“** • CarMaker • MATLAB/Simulink

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29.11.2021 – 06.03.2022 **Practical Assignment „Validation of an artificial intelligence system for pedestrian detection based on training data analysis“**

- Deep Learning / Deep Neural Networks
- TensorFlow, Keras

04/07.2021 **Autonomous driving project of a model car during a practical assignment in PEA4-FE**

- Implementation of spatial orientation
- Improvement of driving maneuvers
- Integration of a web interface

03.2021 **Training in C++, Python, and Linux during a practical assignment in PEA4-FE**

11.2020 **Training in C during a practical assignment in PEA4-FE**

2019 **Chairwoman of the student company "mesSAGe"**

08 – 09.2018 **Language trip to England at the "europa school of english"**

Skills & Competencies

Languages	English: Very good written and spoken (C1)
	French: Basic written and spoken knowledge
Computer Skills	Microsoft Office (Word, Excel, PowerPoint)
	Visual Basic for Applications
	C, C++
	Python
	Basic Linux knowledge
	MATLAB/Simulink
	CarMaker
Driver’s License	Class B

Hobbies and Interests

Sports	Horseback riding at the Reit- und Fahrverein Maulbronn (also a riding instructor there)
	Kickboxing
Hobbies	Painting, Reading

München, 17.04.2025

Julia Dürr