

Moritz Jarosch

23.10.1998

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EDUCATION	<i>M.Sc. Information Systems</i> Karlsruhe Institute of Technology (KIT)	Spring 2022 - expected 2024
	<i>B.Sc. Information Engineering and Management</i> Karlsruhe Institute of Technology (KIT)	Fall 2017 - Spring 2022
	<i>(B.Eng. Mechatronics)</i> UAS Ulm	Fall 2016 - Fall 2017
EXPERIENCE	<i>Part-Time</i> Bringly (Israel/ Remote); Full Stack Data Scientist in a Start-up	Winter 2022 - Spring 2024
	<ul style="list-style-type: none">• End-to-end planning and implementation of data-driven features• Implementation of dashboards and corresponding data pipelines for the data warehouse, including all necessary transformations and database design• Strategic alignment and planning of Data Science initiatives	
	<i>Research Assistant</i> Forschungszentrum Informatik (FZI);	Spring 2022 - Summer 2023
	<ul style="list-style-type: none">• Continuing research on topics related to my bachelor thesis: "Clustering of Traffic Scene Graphs using (Variational) Autoencoders"• Mainly focused on Graph Learning applied to traffic scenes. Topics include: Representation Learning, Graph Generation, Graph Autoencoders	
	<i>Internship</i> Wieland Werke AG; Statistical Data Analysis	Spring 2020 - Summer 2020
PROJECTS	<ul style="list-style-type: none">• Conducting Data Science Projects (whole CRISP-DM cycle), for example to predict energy usage of furnaces based on machine state and production planning• Internal lectures about Data Science and Machine Learning	
	<i>Working Student</i> Hinte Marketing & Media GmbH; IT	Spring 2019 - Fall 2019
	<ul style="list-style-type: none">• Usability Evaluation• Research, Assessment and Implementation of various IT-Systems• Reportings• Assistance in planning a new tool for selling expo area	
PROJECTS	<i>Formula Student</i> Einstein Motorsport; Team Aerodynamics	Fall 2016 - Fall 2017
	<ul style="list-style-type: none">• Development, Simulation, Production and Testing of the rear aero components• Defending the design at the design report of Formula Student Austria and presenting the business plan	
	<i>Sparrow</i> Development of an electric longboard using a novel, more intuitive control scheme	2015 - 2016
Tech	<ul style="list-style-type: none">• Conception, Hardware Design, Software Development• Financially supported by the Baden-Württemberg-Stiftung• Jugend Forscht Participation; Regional Winner "Technology", Price for product development from IPEK at KIT at the state competition• Internship at IPEK	
	Python, Dart/Flutter, JS, Docker, GCP, Knime, (Postgre)SQL, Grafana, L ^A T _E X, ...	