

Tobias Offermann

M.SC. PHYSICS

Stuttgarter Straße 88, 70469 Stuttgart

+4915736817306 | mail@tobiasoffermann.de



Education

Master of Business Administration (MBA) at Collège des Ingénieurs, Munich	01/2024 - Present
M.Sc. Physics at RWTH Aachen University Final grade: 1.1 Specialization: Quantum technology	08/2021 - 11/2023
Erasmus exchange at Chalmers University of Technology, Gothenburg	08/2021 - 09/2022
B.Sc. Physics at RWTH Aachen University Final grade: 1.8	10/2018 - 09/2021
Abitur at Franziskus-Gymnasium Vossenack Final grade: 1.0	07/2010 - 05/2028

Professional experience

Porsche AG Data Scientist	02/2024 - Present
RWTH Aachen Teaching Assistant: "Spin Qubits" Lecture	04/2023 – 07/2023
RWTH Aachen Teaching Assistant: Advanced Lab Course	02/2023 – 04/2023
202Q-lab at Chalmers University Research internship	07/2022 – 09/2022
Elwema Automotive GmbH Working student in robotics simulation	08/2018 – 04/2020

Scholarships

Friedrich-Ebert-Stiftung e.V.	10/2020 – 11/2023
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Publications

Spin-EPR-pair separation by conveyor-mode single electron shuttling in Si/SiGe
Nature communications, volume 15, Article number: 1325 (2024)

Available under <https://www.nature.com/articles/s41467-024-45583-7>

Mapping of valley-splitting by conveyor-mode spin-coherent electron shuttling
npj Quantum Information, volume 10, Article number: 61 (2024)

Available under <https://www.nature.com/articles/s41534-024-00852-7>

Stuttgart, 05.07.2024