Leart Zuka, M.Sc.

✉ leart.zuka@web.de   🔗 LinkedIn   🐙 Github

Employment History

Apr. 2022 – Nov. 2023	🔖	**Software Developer**, Titanom Technologies GmbH., Munich
Apr. 2024 - Apr. 2025	🔖	**Research Assistant** Max Planck Institute for Quantum Optics, Munich

Education

2024 – Present	🔖	**M.Sc. Condensed Matter Physics** at Technical University Munich Thesis title: *Atom-Photon Quantum Gate using an Atomic Clock Qubit.*
2020 – 2023	🔖	**B.Sc. Physics** at Technical University Munich. Thesis title: *Analysis of X-ray/Neutron Scattering Data Using Bornagain.* Grade: 2.5
2012 – 2020	🔖	**Allgemeine Hochschulreife** Rupprech Gymnasium München. Grade: 1.9

Research Publications

Journal Articles

1   G. Chiarella, T. Frank, L. Zuka, P. Farrera, and G. Rempe, "Source of heralded atom-photon entanglement for quantum networking," *Phys. Rev. Lett.*, vol. 135, p. 240 802, 24 Dec. 2025. 🔗 DOI: `10.1103/5zk9-3rpv`.

Skills

Languages	🔖	Native German Speaker; English (C2 – strong reading, writing, and speaking competencies); French (B1 – DELF certificate).
Coding	🔖	Linux, Python, Bash, Verilog, Javascript, Typescript, Lua, C, CSS, Git, LaTeX
Databases	🔖	MySQL, PostgreSQL, SQLite.

Miscellaneous Experience

Extra-curricular activities

Jul. 2024 – Present	🔖	**IT Department Head**, PushQuantum e.V.

Awards and Achievements

Nov. 2024	🔖	**IBM Bootcamp Winner**. 2024 Qiskit Fall Fest organized by IBM x PushQuantum e.V..