

Jessica Wonges

Aspiring physics master student who is motivated to apply abstract concepts and a solution-oriented mindset in a professional framework. Willing to contribute a wide range of skills and experience, including the ability to learn and adapt quickly to new environments.

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Education

- M.Sc. in Physics** Oct 2023 – present
Heinrich-Heine-University Düsseldorf, Germany
Institute of Theoretical Physics IV: Condensed Matter, Prof. Dr. Reinhold Egger
Thesis focuses on majorana qubits
- B.Sc. in Medical Physics** Oct 2017 – Sept 2023
Heinrich-Heine-University Düsseldorf, Germany
Institute of Theoretical Physics II: Soft Matter, Prof. Dr. Harmut Löwen
Thesis: *Barrier Mediated Prey-Predator Dynamics under The Periodic Boundary Condition*
- Preparatory College in M-Kurs** Sep 2016 – Jul 2017
Martin-Luther-University Halle-Wittenberg, Germany

Work Experience

- IT First Level Support** Aug 2025 – present
Heinrich-Heine-University Düsseldorf, Germany
Center for Information and Media Technology (ZIM)
- Deliver front-line IT support, manage incoming requests through phone calls and a centralized ticketing system
 - Improve internal documentation by researching solutions and publishing clear step-by-step guides on the university wiki
 - Design physical posters to increase awareness of IT services and security protocols
- Student Assistant** Oct 2024 – Jan 2025
Heinrich-Heine-University Düsseldorf, Germany
Institute of Experimental Physics of Condensed Matter, Prof. Dr. Thomas Heinzel
- Live-streamed and recorded experimental mechanics lecture with Webex
- Student Assistant** Apr 2022 – Mar 2023
Arztpraxis Vi Düsseldorf, Germany
- Provided comprehensive front-office support, managing patient intake, registration, scheduling, and telephone inquiries to ensure smooth clinic operations
 - Assisted a private-practice acupuncturist by preparing treatment rooms, ensuring a sterile and welcoming environment for patients
 - Performed key administrative duties, including the accurate processing and billing of acupuncture services

Organizations and Volunteer Work

- Member** Oct 2024 – present
German Physical Society, Germany
- Media and Communications** Aug 2025 – Feb 2026
Girls in Quantum, International

- Managed the organization's Discord community, supporting communication and helping teams organize projects within the server
- Designed banners for print and created visual content for social media to promote events and organizational messaging

Secretary, Media Division, and Public Relations Aug 2021 – July 2023
 Overseas Indonesian Students' Association Alliance (OISAA) Duisburg-Essen, Germany

- Created promotional materials for a large-scale cultural festival, contributed to event setup, and helped maintain internal communication by sharing key updates from leadership with the team.
- Supported incoming Indonesian students through welcome events, city orientation, and ongoing guidance on housing and practical matters via social media.

Student Representative, Oct 2020 – Sept 2021
 Physics W3-Professorship in Experimental Quantum-Technology Appointment Committee
 Heinrich-Heine-University Düsseldorf, Germany

- Reviewed and analyzed candidate CVs to assess technical expertise in Experimental Quantum Technology, contributing a student perspective to committee discussions and the selection of a fundamental physicist.
- Interviewed prospective professors to evaluate their teaching methods and commitment to education, ensuring the candidate would positively contribute to both research and student learning.

Member of Student Council (Fachschaftsrat) Oct 2018 – Sep 2019
 Department of Physics and Medical Physics
 Heinrich-Heine-University Düsseldorf, Germany

- Organized and hosted "Physicist at Work," an annual event inviting physics alumni from industry and firms to share career insights with current students.
- Supported students at the office and represented the university at the national ZaPF conference in Würzburg (2018), attending workshops and networking with councils across Germany.

Professional Development

ETH Quantum Hackathon 2026, <i>ETH Zürich</i> , Switzerland	May 2026
Quantum Future Women at Hannover Messe, <i>BMFTR</i> , Germany	Apr 2026
JUNIQ/EPIQ Spring School on Quantum Computing, <i>Forschungszentrum Jülich</i> , Germany	Mar 2026
Status Meeting of Quantum Future Junior Research Groups, <i>BMFTR</i> , Germany	Feb 2026
Science Camp: Quantum Peaks, <i>Fraunhofer IAO</i> , Germany	Sep 2025
Quantum Future Insights at World of Quantum, <i>BMFTR</i> , Germany	Jun 2025
Quantum Future Academy 2024, <i>BMFTR</i> , Germany	Sep 2024
Platform for Quantum-Technologies, <i>MLAQ</i> , Germany	Mar 2024
Wissenschaftcampus, <i>Fraunhofer UMSICHT</i> , Germany	Aug 2022

BMFTR: German Federal Ministry of Research, Technology and Space
MLAQ: Matter and Light for Quantum Computing

IT Skills

Programming: Python, Java, C++
Data Analysis: Jupyter Notebook, \LaTeX
Web Technologies: HTML, CSS
Design: Adobe Photoshop, Canva
Tools: Git, MS-Office

Languages

Javanese	<i>Native</i>
Indonesian	<i>Native</i>
English	<i>Fluent</i>
German	<i>Fluent</i>
Japanese	<i>Basic</i>