



Zhenghao Zhang

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Highly motivated master's student in computer science with a stable foundation in math. Have a deep understanding of decentralized identity and access control management in IoT world. Familiar with various directions in computer science, e.g., machine learning, computer vision, human-computer interaction, and augmented reality. Also acquired knowledge of business economics from my application subject. Passionate about exploring new areas and willing to learn further.

🔧 Competences & Languages

Programming	Python, Java, SQL, C#, Shell, C
Office & Writing	LaTeX, Markdown, Microsoft Office
Tools	Git, Docker, Conda, SSH, Unity
🌐 Languages	English, German, Mandarin(native), Japanese(introduction)

🎓 Education

	School of CIT, TU Munich
Oct. 2023	Master in Informatics
Sep. 2023	Faculty of Mathematics, Computer Science and Natural Sciences, RWTH Aachen
Oct. 2019	Bachelor in Informatics
Sep. 2019	Freshman Institute, Fachhochschule Aachen
Sep. 2018	Studienkolleg in T-Course (Technology, Engineering, Natural Science)

📄 Publications

- Y. Mou, J. Chen, **Z. Zhang**, J. Roßmann, S. Decker, "Self-sovereign Identity-based Access Control Management in Forestry 4.0," in *10th International Conference on Future Internet of Things and Cloud (FiCloud)*, 2023, pp. 159-166, doi: 10.1109/FiCloud58648.2023.00031.

🔗 Experience

- Explored a decentralized-identity-based access control management system for heterogeneous IoT devices in Forestry 4.0. The corresponding paper has been published.
- Took part in the challenge "Talk to the log files" from Rohde & Schwarz in HackaTUM. Created a multi-agent network for analyzing complex log files.
- Participated in a software lab organized by Holo Builder, a company providing AR construction process management. This lab aims to develop an Android application for AR image tracking using Unity.
- Studied innovations in Post-Desktop User Interfaces, focusing on interactive projections.

👜 Internships

September 2021	Summer Intern in PERCENT Technology Inc.
July 2021	<ul style="list-style-type: none">➤ Collect and organize the foreign trade data of each province in the past decade from relevant sources.➤ Participate in a Clever BI project and finish the user manual website.