

Nicolas Huber

UNIVERSITY OF ZURICH

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EDUCATION

2022 - **University of Zurich** MSc UZH Informatics

- Semester abroad at the University of Technology Sydney, focusing on data science and cyber security
- Current average: (5.33 / 6)
- Major Software Systems (90), Minor Data Science (30)

2019 - **University of Zurich** BSc UZH Informatics

- magna cum laude (5.0 / 6)
- Major Software Systems (150), Minor Information Systems (30)
- Bachelor Thesis: Design and Implementation of an MTD Strategy Selection Agent using IoT Platform Metrics (Grade: 5.5 / 6)

WORK EXPERIENCE

2023 - **Student assistant**, Interactive Visual Data Analysis Group, University of Zurich

- Development and implementation of new algorithms and techniques within our research group as a full-stack developer to combine applications of interactive machine learning and data science

2021 - **Web Developer**, novu in Zurich

- Creating web applications based on the Symfony framework
- Maintenance and improvement of in-house ERP system
- Leading course days in a vocational school for apprentice application developers at ICT Berufsbildungszentrum AG
- Testing iOS and Android apps as part of the app-team

LEADERSHIP AND ORGANISATIONAL SKILLS

2020 - **Tutor for Assessment Subject People-Oriented Computing (English) at the University of Zurich**

- Preparation and carrying out of practice lessons for approx. 230 students
- Correction and assessment of assignments and the assessment exam

2020 **Mentor for a group (approx. 15) of first-year students, Seminar at the University of Zurich**

- Organisation of various events for first-semester students
- Supervision and guidance of first-year students in the role of buddy/coach

VOLUNTARY ACTIVITIES

2020 - **Actuary Kantonverband Luzerner Unihockey**

- Development and coordination of comprehensive floorball projects in Lucerne

2014 - **Junior coach for Floorball at Unihockey Luzern (ULU)**

- Development and coordination of comprehensive floorball projects in Lucerne, including planning, leading training sessions, and supervision of teams during the season
- Support in planning and conducting the annual training camp in Furtwangen (DE) as well as continuous education through J&S courses (J&S-Leiter Unihockey und Kindersport)

KNOWLEDGE IN COMPUTER & IT

Basic Skills C & C++, MATLAB, Java, React, Cyber Security, Docker, ML, API-Design

Advanced Skills Python, HTML & CSS, PHP, JavaScript, SQL, L^AT_EX, Linux & Bash, Data Visualization

LANGUAGE SKILLS

German - Native Language | English - Fluent in business (C1)