

Justin Mazenauer

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Prospective graduate in MSc Physics, ETH

Education

ETH Zurich

MSc. Physics

Zurich

Sep 2021 – today

- GPA 5.2
- Master's thesis on methods for aggregating atmospheric aerosol optical depth
- Semester project on physics-informed neural networks for Kepler problems
- Additional courses: mathematical finance, nonlinear dynamics, deep learning for scientific computing

Jane Street, London

Quantitative trading camp participant

London

Oct 2022

ETH Zurich

BSc. Physics

Zurich

Sep 2018 – Aug 2021

- GPA 5.01
- Additional courses: probability and statistics, game theory, epistemology

Kantonsschule Wettingen

Eidgenössische Matura (Swiss diploma) and International Baccalaureate (IB)

Wettingen

Aug 2013 – Jul 2017

- Final project on magnetic levitation
- Focus on physics and applied mathematics

Experience

ETH Zurich

Teaching assistant

Zurich

Aug 2020 – today

Four semesters of tutoring bachelor students including class preparation, correction and grading of exercises

Red or Blue Virtual Reality Lab

Assistant

Zurich

Aug 2019 – today

Hosting virtual reality and augmented reality events for companies and private groups

Swiss Army

Basic training mechanized infantry grenadier

Jan 2018 – May 2018

Pickwick Pub Baden

Bartender, Cook

Baden

Aug 2017 – Dec 2017

Extracurriculars

Science olympiads

2016 – 2017

- Silver medal in Swiss Physics Olympiad
- National final round in Swiss Mathematics Olympiad

Private tutoring

2016 – 2021

Tutoring high school and university students in physics and mathematics

Skills

Languages: English, German, French, Spanish

Computer skills: Python, Julia, Javascript, git, GitHub, MS Office, \LaTeX , SQL

Interests

- Rugby
- Music
- Snowboarding
- Hiking