



Work experience

04.2023–08.2023

Travel break/Korean language school

Korea / Japan

- Traveling through Korea and Japan for four months
- Learning Korean at [Lexis Korea](#) in Seoul for 8 weeks finishing the pre-intermediate course level

01.2021–04.2023

Consultant

abaQon AG

- Research on relational data
- Solution design and coordination of multiple systems
- Implementation in SQL based algorithms

04.2015–03.2021

Scientific assistant / PhD Student

ETH Zürich

- Managing, structuring, and analysing research data on a distributed computer grid
- Code documentation and version control with git and SVN
- Science communication to experts and non-experts
- Participation in test beams and supervision of detector performance
- Authoring research papers: [full list of publications](#)
<https://inspirehep.net/literature?q=ea%20Myriam%20Sch%C3%B6nenberger>

Education

02.2024–today	<i>M.Sc. in Computer science</i> KAIST
09.2023–01.2024	<i>M.Sc. in Computer science</i> University of Zurich <ul style="list-style-type: none">– Beginning of master in AI in Zurich then continued at KAIST
04.2015–03.2020	<i>Dr. sc. in experimental particle physics</i> ETH Zürich <ul style="list-style-type: none">– Thesis: Searches for supersymmetry in the fully hadronic and Higgs to diphoton final states http://www.researchcollection.ethz.ch/handle/20.500.11850/421701
02.2014–04.2015	<i>M.Sc. in Physics</i> ETH Zürich <ul style="list-style-type: none">– Thesis: Performance Studies of a W-CeF₃ Sampling Calorimeter– Semester project: Radiation effects on the CMS silicon pixel modules during LHC Run 1
09.2009–02.2014	<i>B.Sc. in Physics</i> ETH Zürich <ul style="list-style-type: none">– Semester project: Practical course at the Paul Scherrer Institute to measure the Panofski ratio in a collaboration with University Heidelberg– Participation in the astronomy week measuring the mass of Jupiter through the movement of its moons

Skills

<i>Technical skills</i>	<i>Programming languages</i> <ul style="list-style-type: none">– Python– C++– SQL– Bash <p>Other: Version control with GIT and SVN, LaTeX, Jupyter notebook, Tensorflow, PyTorch, Keras, Jira, Confluence, Avaloq Certified Customization Professional, Certified SAFe® 5 Agilist</p>
<i>Soft skills</i>	<i>Languages</i> <ul style="list-style-type: none">– English: Fluent– German & Swiss German: Native speaker– French: Intermediate– Italian, Spanish, Korean: Beginner– Latin, classical Greek: School knowledge <p><i>Hobbies</i></p> <ul style="list-style-type: none">– Improvisational theatre as part of an international English-speaking group called Shark pockets in Geneva

– Ballroom dancing