

INFORMATION

Date of birth	March 8th 1996
Citizenship	Switzerland
Languages	German (native), English (proficient), French (conversational), Mandarin (basic)

EDUCATION

11.2023 – ongoing	PhD in Environmental Engineering , ETHZ/Eawag, Zürich/Dübendorf Robust treatment and monitoring approach for safe decentralized non-potable water reuse (Case study: Bengaluru, India)
05.2022 – 09.2022	Exchange (MSc thesis) , Kwame Nkrumah University of Science and Technology, Kumasi (Ghana)
09.2020 – 10.2022	MSc in Environmental Engineering , ETHZ, Zürich, Grade: 5.7/6 Major: Urban Water Management, Minor: Water Resources Management Semester project: ‘Solid data basis on wastewater in mountain huts’ Thesis: ‘Suitability of the Modified Bardenpho process for faecal sludge treatment in Kumasi, Ghana’, awarded ETH medal and Culmann prize for master thesis
08.2018 – 12.2018	Exchange (1 semester) , Hong Kong University of Science and Technology, Hong Kong
09.2015 – 08.2019	BSc in Environmental Engineering , ETHZ, Zürich, Grade: 5.5/6 Thesis: ‘Is there any evidence of climate driven changes in African rainfall?’
08.2008 – 07.2014	High school (Matura) , Kantonsschule Limmattal, Urdorf, Grade: 5.8/6 Major: Biology and Chemistry, Thesis: ‘China’s Great Proletarian Cultural Revolution 1966 – 1976’

PRACTICAL EXPERIENCE

10.2022 – 11.2022	ETH Zürich, Global Health Engineering Group: Research Assistant - Worked on further data processing of the results of my master thesis
09.2020 – 04.2022	Vuna GmbH, Dübendorf: Working Student - Made design calculations and sketches for decentralised and circular sanitation systems - Analysed wastewater and manure samples, producing synthesis reports - Handled web shop orders, organised events, advised customer on products and technologies
02.2021 – 12.2021	ETH Zürich, TdLab, Seychelles Planning Authority, Zürich/Victoria: Intern Sustainable Transport - Identified bottlenecks, conducted stakeholder interviews, formulated recommendations
06.2020 – 09.2020	Vuna GmbH and Eawag, Dübendorf: Intern Field Experiments Urine Evaporation - Installed and tested the “Blue Diversion Autarky” urine module in alpine cabins - Ensured and monitored the treatment process functioning
01.2020 – 03.2020	Basler & Hofmann AG, Esslingen: Intern Contaminated Sites and Environmental Technology - Planned geological soundings using GIS, took samples onsite, determined excavation properties - Optimised pipeline arrangements for a former landfill and agricultural soil improvement
09.2019 – 12.2019	ETH Zürich, Department of Mathematics: Teaching Assistant Analysis I - Lead tutorial sessions for civil engineering students, supervised homework hours