



Christian Sailer

Geographer | GeoTech Enthusiast | Mobile Education Specialist

Contact - Information

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Personal

Nationality: Swiss
Date of Birth: 9/1/1980
Status: Married, 1 child

Social Links



Languages

German ●●●●●●
English ●●●●●●
French ●●●●●●
Italian ●●●●●●
Spanish ●●●●●●

Soft Skills

Communication, Critical Thinking,
Leadership, Positive Attitude,
Teamwork, Work Ethic

Technical Skills

Front-end Web Development

HTML5, Javascript, CSS

Data Science

Excel, IBM SPSS, R

Python libraries

GIS Tools

ArcGIS platform, GeoServer,
QGIS, PostgreSQL

Office and Learning Tools

Moodle, Ilias, Microsoft 365,
Google Workspace, various
educational technologies
ChatGPT, Gemini, MS Copilot

I am a tech enthusiast passionate about leveraging technological and scientific knowledge to design and implement challenging projects. These projects aim to provoke thoughtful reflection on personal attitudes and daily routines. Professionally, I find fulfillment in tasks that present exciting challenges, offering opportunities for growth and learning.

I maintain a positive outlook on life, and as an athlete, I am convinced that achieving goals hinges on commitment, a supportive social environment, and effective management of setbacks. This belief was reinforced in 2012 during a cycling race across Africa that tested my resilience and determination. See more at <http://cipas.ch/tourdafrique>



Employment History

2021 -

Educational Developer (100%)

ETH Zurich, Dept. of Civil, Environmental and Geomatic Engineering - Zurich

Educational development: Supporting faculty in the areas of didactics and educational technologies and supporting students in good learning practices.

Curriculum development and promotion of educational innovation

Teaching evaluation and quality management in teaching

2021 - 2021

Vicar for Geography teaching (one quarter)

Kantonsschule Zimmerberg - Wädenswil

Teaching two classes at Langgymnasium on several geographic subjects

2014 - 2023

Engagement Specialist (20 - 70%)

Esri Schweiz AG - Zurich

Project leader of GEOSchoolDay to promote GIS and geoinformation for young people
<http://www.geoschoolday.ch/>

Commission Member of GEOSummit to realize the leading event for geoinformation and geospatial technology in Switzerland
<https://www.geosummit.ch/>

2014 - 2020

Scientific Assistant (80%)

ETH Zurich, Institute of Cartography and Geoinformation - Zurich

Teaching: Planning and lecturing of course units, supervising of semester and master theses

Project work: Project management, software development, report writing, event organization, member of the ETH Public Relations Task Force "Geospatial Engineering"

Research: Writing research funding applications, planning and conducting studies, evaluating results, writing scientific articles, presenting results at conferences

2009 - 2014

Business Developer (100%)

Esri Schweiz AG - Zurich

Business development, sales, marketing, and consulting for GIS software in several market segments (education, natural resources, etc.)

Conceptualization and execution of trainings and events in collaboration with Swiss and German Universities and Schools

Founder of different campaigns (events, blogs) to foster youth development in geospatial comprehension and engineering in Switzerland

2008 - 2009

Technical Sales (100%)

Esri Schweiz AG - Zurich

Support (first-level) and consulting

Technical marketing for Spatial and 3D Analytics

2003 - 2006

Market Research Agent (20%)

ETH Zurich, KOF Swiss Economic Institute - Zurich

Support: Business tendency surveys and pre-Analytics



GEOSchoolDay Series

GEOSummit, SOGI, Esri Schweiz AG, swisstopo, and many higher education partners

I created the GEOSchoolDays to let young people experience in a practical and playful way how geodata and geotechnics shape and organize our living space.



TechDay Series and Tag der Geomatik

ETH Public Relations Task Force "Geospatial Engineering"

For SATW Techdays and Geomatics Day at ETH, I created several lesson plans to encourage young people's interest in geotechnology and geospatial engineering.



GeOlympic Summercamp Series

Esri Schweiz AG, Swiss Parks, GLOBE Swiss, Association of Swiss Geographers

I founded the Olympic Youth Camps for Geography (formerly Esri Summercamp) to provide young people with exposure to scientific tools and approaches in epic natural settings (national parks).



GIS Day and User conferences

Esri Schweiz AG

I have given presentations in domestic languages (German, French, Italian and English) as a technical speaker at various GIS technical events and international user conferences.

Education

2016 – 2021

Trainee Teacher

University of Zurich – Zurich

Teacher Education for Secondary Level I (subject Geography)

Various courses about general didactics, didactics in Geography, and didactics in digital learning

2014 – 2020

Dr. sc. ETH Zurich

ETH Zurich, Institute of Cartography and Geoinformation – Zurich

Indentations: Empirical Methods in Management, Entrepreneurship, Digital Entrepreneurship, Leadership, Communication

Thesis title: Enhancing Knowledge, Skills, and Spatial Reasoning through Location-based Mobile Learning (DISS. ETH NO. 26817)

2010 – 2011

M. Sc. UZH in Geography with specialization in GIScience

University of Zurich, Departement of Geography – Zurich

Specializations in GIScience, Cartography, Remote Sensing, Geobotanics and Economics

Thesis title: Filtering of LIDAR data using Surface-specific Filteralgorithms

1995 - 2001

Matura C

MNG Rämibühl – Zurich

Specializations in STEM subjects (mathematics, science)

Awards and Honors

2019

Building Award for the GEOSchoolDay Series

Award for Swiss Civil Engineers – Lucerne

Top 3 Finalist in the Category "Promoting young talent in the field of technology"

2016

Prix Alice for omIETH

Swiss Federation for Adult Learning – Bern

Top 10 Finalist in the Category Swiss E-Learning Technologies and Solutions for developing and evaluating OMLETH, a platform for location-based mobile learning

2016

SBB Award for HBDeals

Hack Zurich – Zurich

First place for the "HB Deals" app, using custom-built indoor routing to locate shops of Zurich's main station easily for customers and reposition the shops commercially

2015

Best Paper Award

Mobiscool Workshop (at MobileHCI 2015 Conference) - Copenhagen

Paper: "An evaluation method for location-based mobile learning based on spatiotemporal analysis of learner trajectories" (Sailer, Kiefer, Schito, Raubal)

Hobbies and Interests



Family



Cycling



Hiking and Geocaching



Networking



Music



Books (Thrillers)