

Christian Sailer

Geographer & Geoinformation Engineer



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PERSONAL STATEMENT

Hi, my name is Christian Sailer. I'm Geoinformation enthusiast who loves to design, generate, and execute smart, innovative and exciting projects with Geoinformation technology.

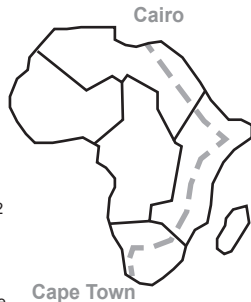
I'm Business developer at Esri Schweiz AG with over 10 years experience in Education and Natural Resources. Since 2014, I'm also a PhD student at the Chair of Geoinformation Engineering at ETH Zurich. I'm working on the OMLETH project funded by the Innovedum program of ETH, which has the goal of building a learning management system prototype to explore new ways of teaching and learning by location-based mobile learning.

As a graduate Geographer, I'm mainly interested in versatile technology projects to change people's attitudes through active campaigns with gamified, collaborative, and positive approaches.



LIFETIME PROJECT

My most important project so far has been the participation and overall victory of the **Tour d'Afrique** in 2012, the world's longest cycling race across Africa from Cairo to Cape Town. It was a major milestone to rethink my daily routines and ended in starting several new projects and a doctorate at the ETH Zurich.



Duration January 14 - May 14 2012
Distance 12'000 kilometers
Time 348 hours
Rank 1st of 65 riders
Web <http://cipas.ch/tourdafrique>



PROFESSIONAL SKILLS

ArcGIS for Desktop ●●●●●●●●●●
ArcGIS Online ●●●●●●●●●●
ArcGIS for Javascript ●●●●●●●●●●
Dojo Framework ●●●●●●●●●●
jQuery Framework ●●●●●●●●●●
GitHub ●●●●●●●●●●



PERSONAL SKILLS

Adobe Creative Suite ●●●●●●●●●●
Microsoft Office ●●●●●●●●●●
Python ●●●●●●●●●●
HTML & CSS ●●●●●●●●●●
Javascript ●●●●●●●●●●
Java ●●●●●●●●●●



LANGUAGE SKILLS

GERMAN Mother language
ENGLISH Advanced level
FRENCH Advanced level
ITALIAN Basic level



EDUCATION

- Teacher Training for Secondary Education (Subject Geography) University of Zurich Since February 2016
Focus on the subject Geography and Instructional Design
- PhD Student in Geoinformation Engineering ETH Zurich Since July 2014
Focus on Geographical Information Systems (GIS), Educational location-based information and communication technology, visualization and analysis of educational spatio-temporal data
- Diploma Geographer / Master of Science (MSc) University of Zurich 2001 - 2008
Focus on Geography, Geographic Information Systems (GIS), Cartography, Remote Sensing, Geobotanics, Geomorphology
Thesis: „Filtering of LiDAR Data Using Surface-specific Filteralgorithms“
- Matura C MNG Rämibühl, Zurich 1995 - 2001
Focus on STEM education: mathematics, science



WORK EXPERIENCE

- University lecturer for Geomatics and Planning ETH Zurich Since 2014
Focus on Geoinformation, Geographical Information Systems (GIS), Geodata Analysis, Web GIS, Mobile GIS, Location-based Services
- Business Development Esri Schweiz AG, Zurich Since 2009
Focus on Business Development, Sales and Marketing in Education and Natural Resources
- Technical Sales Esri Schweiz AG, Zurich 2001 - 2009
Focus on Support, Consulting, Technical Marketing for Spatial and 3D Analytics of Geodata by ArcGIS for Desktop
- Business Tendency Surveys KOF, ETH Zurich 2003 - 2006
Focus on Survey Support, Pre-Analytics



AWARDS

- 1st place (Team GI ETHZ) For "HB Deals App" at Hack Zurich's SBB Award hackzurich.com, September 2016, Zurich
- Top 10 Finalist (Individual) For "OMLETH.ch" at Prix Alice (E-Learning Solutions) alice.ch, September 2016, Bern



SPECIAL PROJECTS

- GEOGAMES à la PokémonGo 2016, geomatik.ethz.ch
GPS Learning Module as part of the Swiss TecDays to promote Geomatics for high-school students
- GEOSchoolDay Series 2014, geoschoolday.ch
GI Technology Day for Secondary Schools to bridge the gap between the GI industry and the future generation
- Esri Summercamp Series 2009 schulgis.ch
GI Science Camp for high-school students in several Swiss parks and Ethiopia (in progress)



HOBBIES & INTERESTS

- Cycling
- Exploring
- Networking
- Music
- Books