Severin Obertüfer

Work Experience

air up GmbH (e-commerce) **Principal Engineer**	Aug 2022 – current
Fairtiq AG (public transport ticketing), Bern, Switzerland **VP Engineering**	Jul 2021 – Jul 2022
Fairtiq AG (public transport ticketing), Bern, Switzerland **Software Architect**	Feb 2017 – Jul 2021
Fractal Labs (fin-tech startup), Zürich, Switzerland **Software Engineer**	Feb 2015 – Mar 2017
Fontes Foundation (development aid), Kampala, Uganda **Volunteer**	Oct 2014 – Dec 2014
Adthena (ad-tech), London, UK **Senior Software Developer**	Nov 2013 – Aug 2014
G-Research (finance), London, UK **Software Developer**	Dec 2010 – Aug 2013
Betron AG (e-commerce), Switzerland **IT Management & Software Engineer**	Aug 2003 – Nov 2010
Actant AG (finance), Switzerland **Software Engineer**	Jul 2006 – Apr 2007

Education

ETH Zürich *(Swiss Federal Institute of Technology), Switzerland* — 2006 - 2009
MSc in Computer Science

- Specialization track Software Engineering, focus on concurrent & parallel programming, thesis on interval-based parallelism.

Stanford University, *California, United States* — Jul 2007 – Dec 2007
Visiting Scholarship

- Implemented fluid dynamics simulations on GPUs and achieved 10 times speedup for selected parts of the sample application. Poster presentation of applications and results at the Supercomputing Conference 2007 in Reno, NV. (C, CUDA, Fortran)

ETH Zürich *(Swiss Federal Institute of Technology), Switzerland* — 2003 - 2006
BSc in Computer Science

- Mathematics, computer science, engineering and systematic problem solving.