Curriculum Vitae

Personal information

Surname(s) / First name(s)	**Joller, Jost**
Address(es)	Langstr. 119, 8004 Zurich
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Email(s)	jostjo@gmail.com
Nationality(-ies)	Swiss
Date of birth	Jan 3 1987

Employment

March 2018–Present	**Software Engineer** at Taskbase AG. Developed and operated the server architecture of multiple web applications. Planned and set up the Continuous Integration workflow of the team.
May 2017–Februar 2018	**Java/Kotlin Software Engineer** at SIX. Designed and developed a low-latency Financial Data Processing System.
April 2015–April 2017	**Back-End Software Engineer** and Cofounder at Taskbase AG. Designed, developed and maintained the server architecture of an e-learning platform that improved the learning experience of thousands of students.
October 2012–October 2013	**Java and JavaScript Engineer** at ETHJuniors. Extension and maintenance of the store location app of Migros, Switzerland's largest retail company.
January 2012–June 2012	**Assistant at the Insitute for Machine Learning** at ETH as an expert in Robust Principal Component Analysis.
June 2010–August 2010	**Software Development Intern** at the start-up Videa - Business Process Optimization. Java implementation of an interface between two business process modelling tools.

Education

2014–2016	**M.Sc. Computer Science, ETH Zürich** Distributed Computing, Concurrent Computation, Computational Statistics, Projects in Machine Learning, Robotics Programming Lab, Advanced Systems Lab, Algorithms Lab, Web Engineering, Software Engineering, High Tech Start-up Management, ... Thesis: Combining Paper and Digital Tools in the Classroom: A Case Study
2008–2013	**B.Sc. Computer Science, ETH Zürich** Theory of Computing, Functional Programming, Parallel Programming, Data Modelling and Databases, Distributed Systems, Modelling and Simulation, Pattern Recognition, Visual Computing, Compiler Design, Software Architecture, ... Thesis: Learning personality preferences for improved dating experiences on a social network
2001–2007	**Gymnasium**, Kantonsschule Obwalden

Other

July 2014	Deployment of Acadilly.com, a web application for math quizzes used in two undergraduate Math courses at the University of St. Gallen.

June 2013	Deployment of FindMyType.net, a Facebook based recommender system that was based on an algorithm developed in the context of my Bachelor Thesis.
February 2008–July 2008	Military Service in the Special Forces Command. Trained as a specialist for Intelligence gathering operations.
August 2007–January 2008	Construction worker, Schlosserei Andreas Rohrer in Alpnach, Switzerland.

Programming Experience

Technology	Experience	Frequency of usage
Java	11 years	daily
Kotlin	3 years	daily
Docker	4 years	daily
Unix shell	8 years	daily
SQL	10 years	frequently
Python	4 years	infrequently
Matlab	6 years	infrequently
C/C++	7 years	infrequently
HTML,CSS	10 years	infrequently

Awards

July 2016	VentureKick Stage I winner with Taskbase.com.
July 2016	>>venture>> Business plan competition: Top 25 with Taskbase.
December 2004	1st place at the Hönggerberg Bridge Award, a model bridge construction competition hosted by the civil engineering department of ETH Zurich.

Languages

Mother tongue(s) — **German**

Self-assessment European level[*]

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	C1 Proficient user	C1 Proficient user	C1 Proficient user	C1 Proficient user	C1 Proficient user
French	A2 Basic user	A2 Basic user	A2 Basic user	A2 Basic user	A2 Basic user

[*]*Common European Framework of Reference (CEF) level*

Interests

Programming	Recommender Systems, Artificial Intelligence, Reinforcement learning agents
Sports	Cycling, Running, Cross country skiing