

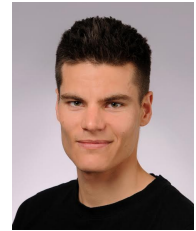
# Curriculum Vitae

## Personal information

Surname(s) / First name(s)  
Address(es)  
Telephone(s)  
Email(s)  
Nationality(-ies)  
Date of birth

**Joller, Jost**

Langstr. 119, 8004 Zürich, Switzerland  
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jostjo@gmail.com  
Swiss  
Jan 3 1987



## Employment

May 2017–now  
April 2015–April 2017  
  
October 2012–October 2013  
  
January 2012–June 2012  
  
June 2010–August 2010

**Java Software Engineer** at Six Group.

**Back-End Software Engineer** and Cofounder at Taskbase AG. Design, development and maintenance of the Taskbase.com server architecture. Taskbase is a Learning Management System for teachers, teaching assistants and students of various educational institutions in Switzerland.

**Java and JavaScript Engineer** at ETHJuniors. Extension and maintenance of the store location app of Migros, Switzerland's largest retail company.

**Assistant at the Insitute for Machine Learning** at ETH as an expert in Robust Principal Component Analysis.

**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  
  
  
  
2008–2013  
  
  
  
2001–2007

**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

**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

**Gymnasium, Kantonsschule Obwalden**

## Other

July 2014  
  
June 2013

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

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

August 2007–January 2008

## Programming Experience

Service in the Swiss military as a grenadier.

Construction worker, Schlosserei Andreas Rohrer in Alpnach, Switzerland.

Technology	Experience	Frequency of usage
Java	10 years	daily
Java 8	2 years	daily
SQL	8 years	infrequently
Kotlin	1 year	daily
Unix shell	8 years	daily
Linux	8 years	daily
Docker	2 years	daily
Git	3 years	daily
Python	4 years	infrequently
Matlab	8 years	infrequently
HTML,CSS	6 years	infrequently
Javascript	6 years	frequently
C/C++	7 years	infrequently

System Maintenance

Maintaining a scaleable production system on Amazon AWS with live deployment capabilities.

## 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 Höggerberg 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<sup>(\*)</sup>*

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

<sup>(\*)</sup> Common European Framework of Reference (CEF) level

**English**

**French**

## Interests

Programming

Recommender Systems, Artificial Intelligence, Reinforcement learning agents

Sports

Cycling, Competitive running (TV Oerlikon, Zürich), Cross country skiing