

Hasan Selman KARA

Contact hasan.selman.kara@gmail.com
github.com/haisi
+41 78 682 31 13
Aegerimatten 18, 5643 Sins, CH



Info Nationalities: Swiss and Turkish
Birthday: 24.12.1995

Employment & Experience **Full Stack Android Engineer — Migros Online AG** **2020.04–today**
◊ Built key features of the new Migros Online e-commerce Android app as part of an agile team, generating millions of CHF in revenue and scoring a ~4.5 stars Play Store review.
◊ Closely worked with crucial stakeholders such as POs, UX, QA, analytics and other team members from Zurich, Ecublens and Beirut to continuously improve the product.
◊ Introduced UI test automation for end-to-end domain and stress tests, finding serious bugs and performance issues before the public release. (*Espresso, Firebase Test Lab*)
◊ Maintained and extended the CI/CD setup of the iOS and Android app. (*Bitrise, Firebase*)

Vagabond — World **2019.07–2020.02**
Visited the Balkans, Eastern Europe, Turkey, the Caucasus, Iran and Sri Lanka for leisure.

Bachelor's Thesis, 5.5 — Shouldcosting GmbH **2018–2019**
Developed and integrated a “programming by example”-system for data-cleaning which outperforms the baseline in every test. The system synthesizes programs into a custom DSL for complex string-manipulations by providing input-output-examples. www.selman.li/thesis (*C#, program synthesis, PBE*)

Programmer — FHNW Research Institute for 4D-Technologies **2015–2017**
◊ Added a NLP based classifier to an internally developed crawling framework to extract open job listings from company websites and job portals. (*Java, Lucene, CoreNLP*)
◊ Built a system to crawl AJAX based websites and provide labeled data for a ML-model. (*Selenium, Docker, Spring-Boot*)
◊ Developed the Karmabooster app and back-end for SWISSAID to gamify donations. (*Spring-Boot, Cordova, Postgres, AngularJS*)

Intern — FHNW Research Institute for 4D-Technologies **2014–2015**
◊ Developed the “TwinSearch” Android app to help users find lost twins and soulmates.
◊ Built an internal project and team planning app for efficient resource allocation. (*JavaFX*)

Education **FHNW Windisch, 5.0** **2015–2019**
Bachelor Computer Science focusing on distributed software systems

Informatikmittelschule Baden, 5.0 **2011–2015**
EFZ Applikations-Entwickler with Kaufmännische Berufsmaturität

Skills Java (Spring-Boot, Java EE, JavaFX, concurrency), Kotlin, Android SDK & AndroidX, Python (pandas, matplotlib), JavaScript, SQL, Docker, Git, Scrum, Jira & Confluence, ~~EFX~~

Languages German (native), English (CAE), Turkish (conversational), French (basic)