

Hasan Selman KARA

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Info	Nationalities: Swiss & Turkish Birthday: 24.12.1995
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Employment & Experience **Full Stack Android Engineer — Migros Online AG** *(2020.04–today)*

- ◇ Developed key features of the new Migros Online e-commerce Android app.
- ◇ Introduced UI test automation for end-2-end domain and stress tests. *(Espresso, FTL)*
- ◇ Maintained and extended the CI/CD setup for the iOS and Android apps. *(Bitrise)*

Vagabond — World (2019.07–2020.02)
Traveled the Balkans, Eastern Europe, Turkey, the Caucasus, Iran and Sri Lanka.

Test Automation Engineer — CONCORDIA AG Fixed and extended complex, automated JavaFX GUI tests for domain testers. (<i>QF-Test</i>)	(2019.02–2019.05)
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Bachelor's Thesis, 5.5 — Shouldcosting GmbH (2018–2019)
Developed & integrated a “programming by example”-system for data-cleaning. 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	
	Fields: Concurrency, Distributed Systems, Full-Stack Development	

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

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

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