# Hasan Selman KARA

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**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 getting a ~4.6 stars Play Store review. ♦ Closely worked with crucial stakeholders such as POs, UX, Q&A, analytics and other

teams from Zurich, Ecublens and Beirut to continuously improve the product.

♦ Introduced UI test automation for end-2-end domain and stress tests. (*Espresso, FTL*)
♦ 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.

### Test Automation Engineer — CONCORDIA AG

(2019.02-2019.05)

Fixed and extended complex, automated JavaFX GUI tests for domain testers. (QF-Test)

#### Bachelor's Thesis, 5.5 — Shouldcosting GmbH

(2018-2019)

Developed and 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, MT<sub>F</sub>X

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