

Hasan Selman KARA

Contact & Info

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Employment & Experience

Software Engineer — mimacom ag

2021.08–today

- ◊ Worked in a SAFe agile team as part of the FOCBS's DaziT project — specifically the Passar product. Delivered numerous features for the new national goods traffic system as well as integrations with EU systems for customs union traffic. (*Spring-Boot, Kafka*)
- ◊ Updated, extended and delivered a Flowable project for Julius Bär's markets division by integrating various core-banking services, supporting the CMMN modelers and working closely with the operations team to comply with all non-functional requirements. (*Flowable, K8*)

Full Stack Android Engineer — Migros Online AG

2020.04–2021.07

- ◊ 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

2018.09–2019.03

Developed and integrated a “programming by example”-system for data-cleaning which outperforms the baseline in every test. www.selman.li/thesis (*C#, program synthesis, PBE*)

Programmer — FHNW Research Institute for 4D-Technologies

2015.08–2017.07

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

Intern — FHNW Research Institute for 4D-Technologies

2014.08–2015.07

- ◊ 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

2015.08–2019.07

Bachelor Computer Science focusing on distributed software systems

Informatikmittelschule Baden, 5.0

2011.08–2015.07

EFZ Applikations-Entwickler with Kaufmännische Berufsmaturität

Skills

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

Languages

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