Hasan Selman KARA

Contact & Info

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Nationalities: Swiss & Turkish
Birthday: 24.12.1995

Employment & Experience

Software Engineer — mimacom ag — 2021.08–today

◇ Worked in a SAFe agile team as part of the **BAZG'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 mit 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)