

# Matthias Ernst

software engineer - kotlin multiplatform



## about

Contact me for details

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## languages

Swiss German,  
German,  
English,  
Japanese,  
French notions

## programming

### Kotlin, Kotlin Multiplatform

Experience from work, school and self-study since 2014.

### Android

Experience from work, school and self-study since 2014.

### Further used languages/skills

Git, CI/CD, Firebase, Swift, Fastlane, Java, NLP, ML, Scrum, Agile.  
Experience from work, school and self-study.

## experience

- since 2021 **ZKB, Zurich** Contract.  
*Working on frankly 3a as a senior android & kotlin multiplatform developer. Dabbling in some ios swift code as well.*
- 2019-2021 **ti&m, Zurich** Employment.  
*Worked on many projects in the banking and insurance sector, including well known ones like Helsana+ and LGT. With focus in Android and Kotlin Multiplatform.*
- 2017-2018 **Saeki Japan Co. Ltd., Fukuoka** Employment.  
*Business Relations with customers and exporters around the world held in Japanese, English and German.*
- 2016-2018 **President students.fhnw, FHNW** students.fhnw.ch.  
*Leading and restructuring an organizational unit with around 12000 members.*
- 2016-2018 **Board member FHR, FHNW** Fachhochschulrat.  
*<https://www.fhnw.ch/en/about-fhnw/organisation/university-board>.*
- 2014-2015 **RUF, Schlieren** Internship.  
*Constructed a test-automation system and gained some project lead experience. Mainly used Java.*

## education

- 2015–2019 **B.Sc. in Computer Science** FHNW, Switzerland.  
Majoring in CS
- 2017–2018 **Seinan Gakuin University** Seinan Gakuin University.  
One year self organized study abroad in Japan taking classes in Business Management, Business Communications and Economy.
- 2011–2015 **Secondary school in CS (IMS)** BBBaden, Cantonal School Baden.  
Commercial Professional Baccalaureate  
Swiss Certificate of Competence in computer science

## certifications

- 2016 **Machine Learning by Stanford University** Certificate.  
*Machine Learning by Stanford University on Coursera. Certificate earned on May 14, 2016.*
- 2014 **Cambridge Advanced Certificate** Certificate.  
*Cambridge English Level 2 Certificate in ESOL International*

## interests

Kotlin, Kotlin Multiplatform, Android, Mobile, Internet of Things, politics, gardening, networking, motorbiking, organizing, japanese language and culture, bouldering, squash, fashion