



Maarten DERKS

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## SUMMARY

Broadly educated software engineer with experience in the banking and electronics industries. In my roles at Fairphone I provided an Android phone with software support for over 7 years, which is unprecedented. I am passionate about expanding my own learning and professional development, and I am at my best when working collaboratively with others. In my off-time I enjoy reading, working out and learning to play the guitar.

## EXPERIENCE

### FAIRPHONE

2015 - Present

#### SENIOR SOFTWARE ENGINEER

2021 - Present

- Plan and execute the software support roadmap for one of Fairphone's products until its end of life
- Contribute to software engineering activities for other Fairphone products
- Improve and expand test infrastructure, look into test automation

#### TECH LEAD - SOFTWARE LONGEVITY TEAM

2019 - 2021

- Take over responsibility of software engineering activities for one of Fairphone's products
- Following an internal reorganization, find and onboard an external software engineering partner
- Conduct a feasibility study for developing another Android upgrade without SoC vendor support
- Lead both internal and external resources in the development of an Android upgrade

#### ANDROID PLATFORM ENGINEER

2016 - 2019

- Feature porting, Android upgrade development, app development, security maintenance

#### JUNIOR ANDROID SOFTWARE ENGINEER

2015 - 2016

- OTA update deployment, GMS test suites, app development, open sourcing, security maintenance

#### INTERN - PRODUCT TEAM

2015

- Master thesis: [Fair Privacy: Improving Usability of the Android Permission System](#)

### SNS REAAL

2011 - 2012

#### INTERN

- Graduation project: Port online banking desktop website features to the mobile website

## EDUCATION

### RADBOD UNIVERSITY

2012 - 2015

#### MSc IN COMPUTER SCIENCE

- Specialisation: Software Construction, Quality of Software
- Subsidiary subject: Security/Privacy

### AVANS UNIVERSITY OF APPLIED SCIENCES

2008 - 2012

#### BACHELOR OF INFORMATION AND COMMUNICATION TECHNOLOGY

- Minors: Software Architecture, Game Development

## SKILLS

**PROGRAMMING LANGUAGES** *Experienced:* Java | Python | Bash *Familiar:* C | C++ | Rust | C# | Haskell

**MARKUP LANGUAGES** HTML | CSS | XML | JSON | YAML | TeX | Markdown

**SOFTWARE DEVELOPMENT** Git | Jenkins | Gerrit | GitLab | DevOps | Test automation

**ANDROID PROGRAMMING** AOSP | Qualcomm BSPs | Linux kernel | GMS | Security | OTA | Tradefed

**LANGUAGES** *Native:* Dutch *Full Professional:* English *Elementary:* German | French