Maarten DERKS

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in LinkedIn | 🔗 GitHub

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

RADBOUD 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++ | Kotlin | 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