Max Schlüter

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EDUCATION

Saarland University — Saarbrücken, Germany
MSc in Computer Science — *Oct 2014 – Feb 2017*

Saarland University — Saarbrücken, Germany
BSc in Computer Science — *Oct 2009 – March 2014*

EXPERIENCE

Technical Advisor — Oct 2022 – April 2023
Free Software Foundation Europe — *Berlin, Germany*

- Worked on the Upcycling Android campaign, organizing workshops and creating new workshop materials
- Developed the first prototype frontend for TEDective using Next.js

Research Assistant — April 2017 – Oct 2021
University of Potsdam — *Potsdam, Germany*

- Worked as a research assistant at the chair of Prof. Christian Hammer on security analyses for JavaScript
- Developed a static analysis using the SAFE framework that can handle JavaScript Promises in a sound and efficient manner
- Served as a teaching assistant for various lectures: Software Engineering I/II for 4 semesters and Static Program Analysis for 1 semester

Research Intern — Sep 2018 – March 2019
Oracle Labs — *Brisbane, Australia*

- Worked as a research intern at Oracle Labs on test-case generation for Node.js web applications
- Developed a static analysis that generates REST specifications from the source code of an Express-based web application
- Grammar-based Fuzzer found seven 0-days in five open source Node.js applications using generated REST specifications

Research Assistant — July 2016 – Sep 2016
Saaland University — *Saarbrücken, Germany*

- Worked as a research assistant at the chair of Prof. Christian Hammer on the SimoBA project
- Performed static information flow control using the WALA framework for an Android hybrid app to detect possible security vulnerabilities within the app

CERTIFICATES

Burp Suite Certified Practitioner — Jan 2024 – Jan 2029
Portswigger — *See certificate*

TECHNICAL SKILLS

Languages: JavaScript/TypeScript, Java, Scala
Developer Tools: Git, Bash, Emacs, Vim, Docker, Nix
Security Tools: Burp suite, CodeQL, sqlmap