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*

CERTIFICATES

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

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
- Uncovered seven 0-days in 5 open source Node.js web applications using a grammar-based Fuzzer that used generated REST specifications as inputs

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

TECHNICAL SKILLS

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