Florian Plattner

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I am a software engineer especially passionate about building high performance, reliable and understandable software.

WORK EXPERIENCE

Lead Developer   2021 - January 2026
Escola GmbH   Zürich, Switzerland

- Lead a team growing to 11 engineers
- **Code review:** Introduced pull requests and code review, with 10'000+ PRs merged to date.
- **Laser-PDF:** Built an open source PDF generation library in Rust. Including precise layout using 28 different layout elements, rich text and font-fallback. Used for 300+ different PDF exports. Renders 1'000+ pages per second.
- **Security improvements:** Made various security improvements including systematically solving XSS and SQL injection vulnerabilities.

Software Engineer   2019-2021
Escola GmbH   Zürich, Switzerland

- **Forms engine:** Created a flexible system for creating custom forms for customer data entry. Has been used to create 500+ different forms.
- **Mobile app:** Built a mobile app used by 200'000+ users including a data-sync protocol and webviews.

Software Development Internship   2019
Sitrox AG   Zürich, Switzerland

- **Ruby on Rails development:** Worked on internal and customer facing Ruby on Rails projects.

TECHNOLOGIES AND LANGUAGES

- **Languages:**   Rust, TypeScript, JavaScript, PHP
- **Technlogies:**   Git, JJ, Vue, Docker, MySQL, Linux
- **Other:**   Text Rendering, Debugging, Designing Abstractions

OPEN SOURCE

- **fluorine:** A Rust reactivity library that doesn't force you to put all of your data into smart pointers.
- **treeq:** A code rewriting tool using JQ syntax and Tree-sitter syntax trees. Enables rewriting code based on language syntax instead of error-prone text matching with regular expressions.
- **is-this-a-lisp:** A humorous attempt at creating a Lisp implementation just from what I'd heard about Lisp over the years without looking up anything new.
- **flo-pdf-tools:** A command-line tool for working with PDFs.
- **Various experiments** around building GUI libraries in Rust, focusing on state management, data-flow, layout and reactivity.

EDUCATION

Informatiker, Fachrichtung Applikationsentwicklung EFZ   2015–2019
Rafisa Informatik GmbH   Dietikon, Switzerland