

Dominik Schreiber

Curriculum Vitae

W

since Nov 21: **Software Architect, UI Theme Designer, SAP SE**

work

Moved to Unified Renderings "sister team" in a time of need. Responsible for the open source theming-base-content, with frequent and detailed communication with designers and different UI frameworks. Rewrote CI/CD pipelines to be aligned with SAP-internal standards (Project Piper). Modernized the 12-year-old JavaScript "theming engine" to ECMAScript modules and asynchronous execution. Won "Beyond Pixel Award" by SAP Global Design for exemplary collaboration.

W

since Apr 16: **freelance musician**

work

Playing Piano/Keyboard and E-Bass. Just for fun. Usually <10 gigs/year, just enough to fund the equipment.

V

Jan 20-May 22: **Managing Director, EFG Ludwigshafen**

voluntary

Steering the church through COVID and post-COVID times, radically moving to online solutions. Add teaching/preaching and financial decisions to responsibilities.

W

Jan 16-Oct 21: **Software Architect, Unified Rendering, SAP SE**

work

Took on the team architect role very early, starting as a stand-in for parental leave. Big topics: performance (halved the startup time of UR-based applications), accessibility (transitioned UR from a custom title-based JAWS-only accessibility solution to WCAG 2.1 ARIA), themability (multiple new theme families) and modernization (transitioned UR from generated ANT-files to a rollup-based JavaScript-only build and a legacy-free 2nd codeline).

E

May 19-Mar 20: **Architecture Curriculum, SAP SE**

education

On-the-job one-day-per-week training for acting and aspiring software architects. Covered communicating architecture, arriving at well-considered architectural decisions, software and cloud patterns, and product standards.

V

Feb 17-Dec 19: **Part of the senior leadership team, EFG Ludwigshafen**

voluntary

Steering a church of ~80 active members. Main responsibilities: worship music, church services, public relations, IT infrastructure.

W

Aug 15-Dec 15: **Software Developer, Unified Rendering, SAP SE**

work

Owner of the input field-like UI components. Implemented performance-, accessibility- and themability features and bugfixes in HTML (a custom XML DSL), CSS (another custom XML DSL, and Less) and JavaScript (ECMAScript 3 with TypeScript in JSDoc) targeting modern browsers as well as Internet Explorer Quirks Mode.

E

Apr 13-Jul 15: **Computer Science, Master of Science, TU Darmstadt**

education

Main focus: Software Engineering, Human Computer Systems, Psychology. Thesis: Recommendation-Aware Mobile Prefetching Strategies for Video Sharing Sites Overall grade: 1.45. Holder of a Deutschlandstipendium.

W

Jan 15-Jun 15: **Frontend Developer, Kellerkinder GmbH**

work

Turned customer-provided mockups into Shopware-, TYPO3- and Symfony-based applications.

W

Jun 11-Sep 14: **Research Assistant, Hochschulrechenzentrum TU Darmstadt**

work

One of the core developers of openlearnware.tu-darmstadt.de, the portal for open educational resources of TU Darmstadt. Transitioned the JSP-based frontend to an AngularJS application, occasionally worked on the Spring+RabbitMQ backend.

W

Mar 14-Aug 14: **Frontend Developer, Truffis UG**

work

One of the first developers of an AngularJS-based job profile matching portal. Later worked on re-implementing the application as an Ionic-based mobile app.

E

Oct 09-Mar 13: **Computer Science, Bachelor of Science, TU Darmstadt**

education

Main focus: Software Engineering, Trusted Systems, Human Computer Systems. Thesis: Zugriffskontrolle in intelligenten Umgebungen. Overall grade: 1.3.

W

*May 12-Feb 13: **Research Assistant, universAAL, Fraunhofer IGD***

work

Accompanying the bachelor thesis. Implementing access control for the Java-based ambient assisted living framework universAAL.

W

*Oct 10-Sep 11: **Research Assistant, Fachdidaktik der Informatik, TU Darmstadt***

work

Tutor for multiple tutorials "Grundlagen der Informatik I". Teaching/grading groups of <20 students. Topic: Programming foundations with Scheme (Lisp) and Java.

E

*until Jun 09: **Abitur, Tilemannschule Limburg***

education

Major fields: math, politics/economy. Overall grade: 1.4. Head boy of cohort.