

Dominik Schreiber

Curriculum Vitae



W	<p><i>since Nov 21:</i> Software Architect, UI Theme Designer, SAP SE</p> <p>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.</p>	work
W	<p><i>since Apr 16:</i> freelance musician</p> <p>Playing Piano/Keyboard and E-Bass. Just for fun. Usually <10 gigs/year, just enough to fund the equipment.</p>	work
V	<p><i>Jan 20-May 22:</i> Managing Director, EFG Ludwigshafen</p> <p>Steering the church through COVID and post-COVID times, radically moving to online solutions. Add teaching/preaching and financial decisions to responsibilities.</p>	voluntary
W	<p><i>Jan 16-Oct 21:</i> Software Architect, Unified Rendering, SAP SE</p> <p>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).</p>	work
E	<p><i>May 19-Mar 20:</i> Architecture Curriculum, SAP SE</p> <p>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.</p>	education
V	<p><i>Feb 17-Dec 19:</i> Part of the senior leadership team, EFG Ludwigshafen</p> <p>Steering a church of ~80 active members. Main responsibilities: worship music, church services, public relations, IT infrastructure.</p>	voluntary
W	<p><i>Aug 15-Dec 15:</i> Software Developer, Unified Rendering, SAP SE</p> <p>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.</p>	work
E	<p><i>Apr 13-Jul 15:</i> Computer Science, Master of Science, TU Darmstadt</p> <p>Main focus: Software Engineering, Human Computer Systems, Psychology. Thesis: Recommendation-Aware Mobile Prefetching Strategies for Video Sharing Sites. Overall grade: 1.41. Holder of a Deutschlandstipendium.</p>	education
W	<p><i>Jan 15-Jun 15:</i> Frontend Developer, Kellerkinder GmbH</p> <p>Turned customer-provided mockups into Shopware-, TYPO3- and Symfony-based applications.</p>	work
W	<p><i>Jun 11-Sep 14:</i> Research Assistant, Hochschulrechenzentrum TU Darmstadt</p> <p>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.</p>	work
W	<p><i>Mar 14-Aug 14:</i> Frontend Developer, Truffis UG</p> <p>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.</p>	work
E	<p><i>Oct 09-Mar 13:</i> Computer Science, Bachelor of Science, TU Darmstadt</p> <p>Main focus: Software Engineering, Trusted Systems, Human Computer Systems. Thesis: Zugriffskontrolle in intelligenten Umgebungen. Overall grade: 1.3.</p>	education

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.