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, Truffls 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.