

Tobias Betz

CV

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<https://github.com/Eixix>

Studies

- 04/2021 - 04/2023 **Master of Science Software Engineering, Ulm University**, est. grade ~ 1.1.
○ Emphasis on IT-security
○ Master's Thesis in progress at the institute of Software Engineering and Programming
Languages: "Analyzing Feature-Model Histories with Binary Decision Diagrams"
- 10/2015 - 04/2021 **Bachelor of Science Software Engineering, Ulm University**, grade 2.8.
○ Emphasis on IT-security and networking
○ Thesis at the institute of distributed systems
(grade 2,0): "Comparing and analyzing the CERN email security awareness campaigns"
in collaboration with the European Organization for Nuclear Research (CERN)
- 09/2007 - 06/2015 **High school graduation, Illertal-Gymnasium, Vöhringen**.

part-time work

- since 04/2022 **Software Engineer, Cortex Media GmbH**.
- 03/2016 - 03/2022 **Research assistant, Ulm University**.
○ Department II-5 University Sports and Occupational Health Management of Ulm University
- System- and server administration (CentOS, Ubuntu Server)
- Agile development with SCRUM
- Design of development processes with CI / CD (Gitlab, Docker, Kubernetes)
- Development of a web application for course booking and management (PHP, Laravel)
- Implementation of a check-in application for the gym of the university (Electron)
- Organizational work
- 02/2019 - 12/2019 **Technical student programme / Web Engineer, CERN, Geneva**.
○ Development of multiple websites (Drupal, PHP, JS)
○ Development of multiple extensions for Drupal 8
○ Drupal 7 to Drupal 8 migrations

Other projects

- Development of a P2P flag guessing game (React, WebRTC)
- Development of a PWA for an offline password safe without a framework (JavaScript, PHP)
- Development of a web application and API for feature model visualization (Django, Vue)

Language skills

German Mother tongue
English C1
French B2