

# Tobias Betz

## CV

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<https://github.com/Eixix>

### Studies

- 04/2021 - 04/2023 **Master of Science Software Engineering, Ulm University.**
- 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 computer game within the bachelor of software engineering (Java)
- 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