

Employment

Site Reliability Engineer, **EDEKA Digital** **since May 2021**
Working Student

- Development of virtual/cloud infrastructure for a retail inventory management system in GCP/Azure with tools like Kubernetes and Terraform
- Conceptualization of a cloud operating model and shaping of a new site reliability engineering team while working with Jira and Scrum/Kanban methods

Consultant, Dual Student **EY** **Sep 2017 – Apr 2021**

- Contributed to the development of a web-based IT audit tool for ERP systems based on Microsoft SQL (Bachelor thesis)
- Consulted and audited IT systems of industry clients regarding their security
- Three months internal internship in Shanghai, China to support the local team

IT-Administrator, **Kern-Liebers** **Sep 2012 – Aug 2017**
Apprenticeship & Full-Time

- Oversaw the setup of IT infrastructure and systems for a new subsidiary in Queretaro, Mexico (one-year assignment)
- Administered various IT systems, e. g. Microsoft and Linux servers as well as virtualized infrastructure with VMware ESXi/vCenter for a global company system
- Administered and maintained Cisco switches, routers and Palo Alto firewalls for a global company network

Education

Mannheim, Germany **Mannheim University of Applied Sciences** **Sep 2021 – approx. Aug 2023**

- M. S. in Computer Science (major Software Engineering), Current Grade Average: 1.0
- Coursework: Machine Learning (Python), Reverse Engineering (C, Assembler), Computer Science Workshop (Ruby, Rust) and Design Thinking

Leipzig, Germany **Leipzig University** **Oct 2020 – Aug 2021**

- Various physics and mathematics courses (gap year)

Mannheim, Germany **Baden-Württemberg Cooperative State University** **Oct 2017 – Sep 2020**

- B. S. in Business Informatics, Finale Grade Average: 1.9
- Coursework: Databases, Programming (Java), Distributed Systems, Network Systems, Algorithms and other basic concepts, Economics, Business Administration, Finance and Accounting, IT and Business Processes, International Business Law and Organization, Intercultural/General Management and Spanish

Technical Projects and Additional Experience

- **Radar Object Detection:** Radar object detection with Kalman Filter and DBSCAN Algorithm (2021/22)
- **Ruby Workshop:** Organization of a programming workshop for Ruby (2021/22)
- **Student Speaker** at Baden-Württemberg Cooperative State University (2018 – 2020)

Skills and Languages

- Python, Ruby, C, YAML, SQL, Markdown, LaTeX
- Git, Jira, Visual Studio Code, Jupyter Notebook, Linux (Ubuntu/Debian), Microsoft Azure (**certified**), Google Cloud Platform, Kubernetes, Docker, Helm, GitHub Actions, Windows Server, Palo Alto Firewall, Cisco Switch/Router
- German (**native**), English (**fluent**), Spanish (**conversational**)