

JAN MENSCH | RESUME

»» Always on the lookout for new challenges. ««



- » **Status:** Graduate Student Business and Computer Science, Developer
- » **Interests:** Database Engines, Cloud Infrastructure
- » **Tech:** Kubernetes, Docker, AWS, C++, Python, Golang, C#, JS, L^AT_EX
- » **Tools:** Git, VSCode, GDB, CMake, Helm, Overleaf, Terminal
- » **Activities:** Standup Paddling, Windsurfing, Functional Fitness, Reading

EXPERIENCE

Developer - Student Assistant (Hasso Plattner Institut, Potsdam, Germany) Dec. '19 - now

- » Measure performance of cloud infrastructure
- » Implementation of Database Systems

Developer - Working Student (SAP Innovation Center, Potsdam, Germany) Mar. '18 - Sept. '19

- » Application development in Kubernetes, logging and metric collection and analysis
- » Implementation of a query parser in Golang

Developer - Intern (CrabxLab, Nanjing, China) Aug. '16 - Oct. '16

- » Implementation of Internet of Things communication in C#
- » Implementation of web applications in Vue.JS

Developer - Working Student (ICOM Automation, Ilmenau, Germany) Feb. '16 - Mar. '17

- » Development of an algorithm for automated component balancing systems in C#
- » Frontend development of a windows desktop application in C#

Voluntary Work (SPORTS for Exceptional Athletes, San Diego, USA) Sept. '13 - July '14

- » Project assistance for various fundraisers and other events
- » Responsible for the mailing lists and the website of the organization

Contact me for more **information** and **letters of recommendation**.

EDUCATION

Master Thesis (Hasso Plattner Institute) Dec. '19 - now

- » Implementation of a query execution engine on stateless cloud functions in C++
- » Evaluation of the above system with micro- and standardised benchmarks (SBB or TCP-H)

Graduate Student Business and Computer Science (Uni. of Potsdam) Oct. '17 - now

- » Research-oriented masters program, with focus on digital transformation
- » Personal focus on technical classes, especially database systems

Bachelor Thesis (Fraunhofer Institute for Digital Media Technology) Apr. '17 - Sept. '17

- » System design and implementation of an application for data anonymization

Undergraduate Student Business and Computer Science (TU Ilmenau) Oct. '14 - Sept. '17

- » Mediation of knowledge in the fields of computer science, business, and law
- » Involved with voluntary work at student consulting ilmenau and Wohnzimmerskultur

A levels (Grotefend Gymnasium Hann. Münden) June '13