



Student Employee for ASIC Verification in Kiel

About OQmented

OQmented is a young startup in the field of microchip development for microelectromechanical systems (MEMS). We enable the world's largest consumer and automotive companies to achieve breakthroughs for augmented reality displays, 3D camera systems and autonomous driving through innovative products. For this purpose, we develop and produce compact deflection systems for laser beams, which can be used, for example, for laser projection systems in AR glasses or for 3D cameras.

About your Role

- You are going to support us in the development of application-specific integrated circuits (ASICs), targeting augmented reality and 3D camera devices based on our laser beam scanning technology
- You will perform and evaluate pre- and post-layout simulations of analog and mixed-signal circuits as well as Corner, Monte Carlo and Operating Point analysis to verify the functionality of circuits
- You will assist in the setup of the required test benches to perform simulations
- Long-term focused position and preparation of master thesis targeted

Your Qualifications

- Master student in electrical engineering or similar
- Experience in analog circuits and circuit simulators
- Basic knowledge of ASIC design flow would be a plus
- Ability to work in a team and independently
- Proficiency in English (C1), German language skills would be a plus

We offer

- A young and dynamic company with flat hierarchies
- Exciting tasks with a lot of creative leeway
- Flexible working hours between 30 and 80 hours per month with at least 15,00€ per hour (depending on the qualification)
- An enjoyable work atmosphere in a highly motivated and experienced team
- The option to write a master thesis in the field of circuit design for ASICs with the possibility to prove the concept in silicon
- ASIC Design using world-leading tools like Cadence, etc.

Interested?

Write us an email with a short application including your CV to jobs@oqmented.com

Contact person: Wjatscheslaw Galjan

