Internship Position – **R&D Engineer, Emulator Compiler team**
Duration: **6 months**
Location **- Feldkirchen, Munich**

Application Link: https://cadence.wd1.myworkdayjobs.com/en-US/External_Careers/details/Internship---R-D-Engineer--Emulator-Compiler-team--f-m-d-_R41849-2

Position Description:

Cadence is a pivotal leader in developing electronic design computational software. The company delivers software, hardware, and IP that turn design concepts into reality. Cadence customers are the world's most innovative companies, delivering extraordinary electronic products from chips to boards to systems for the most dynamic market applications.

Writing of master-thesis during the internship is a great opportunity to gain in depth experience in specific design tools and to become familiar with semiconductor IC design and methodologies. You will also get the chance to see how a worldwide operating company works. In this internship there are few limits; it's up to you to decide how much you want to deepen your knowledge and push for personal excellence.

Cadence emulators are state of the art systems that allow customers to verify their designs before tape-out. Emulation technology also allows users to develop and debug the software for designs before the design is available in a form of physical ASIC. This project will allow you to work with the Palladium emulator and take a deep dive into the hardware and software technologies used in emulation systems, specifically focusing on developing innovative partitioning techniques. You will be able to collaborate with the multinational team at our Cadence site.

Position Requirements:

- Education: MSc/MEng student
- Strong algorithmic & software development skills, with a focus on graph partitioning
- Good communication skills (fluent in English)
- Being a team player
- Problem solving skills

Benefits we offer you:

- Competitive Internship compensation
- 30 days annual leave
- 5 days paid time to volunteer to give back to our communities
- Ticket for the public transport
- Meal vouchers
- Working in a hybrid model in a modern office concept
- And so much more, do not hesitate to contact us