Mynaric produces optical fiber for the skies and, as a pioneer in laser communications, enables extremely fast and secure wireless data transmission between satellites, aircraft, drones and the ground. The products are used by well-known international technology companies to build global communication networks. The emerging Internet over the clouds will connect the previously disconnected 3 billion people, bring the Internet of Things to the remotest corners of the earth and make international communication safer than ever.

For our fast-growing company, we are looking for a motivated

Working student Electronics/Informatics (m/f/d)

Are you a student of electrical engineering, computer science or a related field and have a passion for FPGA/VHDL? Do you want to deepen your skills in FPGA/VHDL in a dynamic company? Then you are exactly right for us!
For our headquarters in Gilching near Munich we are looking for you to start as soon as possible as a working student Electronics/ Informatics (m/f/d) part-time.

What awaits you at Mynaric

- The project "Switching and Routing functions for miniaturized laser terminals" (SurfMLT) encompasses the development and demonstration of Switching/Routing Algorithms for high data rate laser communication in big constellations of satellites or stratospheric platforms. Within this framework of student work you would take care the following subjects of the SurfMLT project:
- As a first step you will work to the project and build up the necessary knowledge of Ethernet network Switching and Routing.
- You will develop VHDL models of the planned Switching and Routing algorithms.
- You will develop VHDL Testbenches and execute VHDL simulations of the models.
- As a next step you will implement the verified models on Xilinx FPGA.
- You will also assist in building and testing a demonstration system and create documentation.

What you bring with you

- You are a student of electrical engineering, computer science, physics or similar.
- You have already gained experience in the field of FPGA development (VHDL, SoC), ideally based on Xilinx/Vivado System. Some knowledge of C programming would be an added plus.
- You bring good basic knowledge of digital system design. Ideally you are already familiar with communication networks (Ethernet, IP).
- You are a committed team player, you are communicative and enjoy working independently, driving forward the assigned task(s).
- You are results-oriented and have a precise way of working.
- Good German and English skills round off your personality including basic MS-Office skills.

What we offer you

- You get a project-related student placement.
- We are a team of around 100 employees from over 21 nations.

Career Opportunities
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- You work in an open, modern, and friendly work environment that is rapidly evolving.
- You get your own area of responsibility with space to develop your own ideas and concepts.
- We encourage short decision-making paths and flat hierarchies.
- You get individual development and training opportunities.
- We are free from dress codes.
- We provide free drinks and fresh fruit.
- We are family-friendly.

Have we sparked your interest?

Then we're looking forward to meeting you. Convince us that you will take us forward! If you have any questions, please do not hesitate to contact Alexandra Kronawitter on + 49 8105 7999 125 from Monday to Thursday. To ensure smooth processing of your application, please use only our career portal.