EBG MedAustron GmbH in Wiener Neustadt operates one of the most modern centers for particle therapy and research in Europe. Cancer patients are treated with an innovative form of radiation therapy with protons and carbon ions. In addition to cancer treatment the facility is also used for translational research.

Our Control Systems team is responsible for the design, development, implementation and maintenance of an integrated accelerator control system and medical software of the MedAustron particle accelerator.
Become part of the Control Systems team as a

Embedded Software Developer - VHDL (f/m/x)

full-time (40 hours weekly)

Challenges you conquer:

You develop VHDL firmware to integrate measuring, beam steering and accelerating components into our accelerator control system. This includes the following tasks:

- Further development of VHDL code (for Xilinx FPGAs)
- VHDL development for new projects
- Build up knowledge for NI LabVIEW
- Integrate VHDL into LabVIEW FPGA
- Maintain and improve existing software packages
- Contribute to the completion and testing of large scale integration projects
- Development in a medical environment, using Version Control (SVN) and Ticketing Systems
- Responsible for particular components and relevant documentation

A background that impresses:

- Technical university degree in one of the following fields: Software Engineering, Measurement / Automation Technology or similar
- Minimum of 3 years of occupational experience in development of software, measurement or automation technology, preferably of medical software
- Profound knowledge of VHDL
- Experience in LabVIEW/LabVIEW FPGA is a big advantage
- Fluent in verbal and written communication in English
- You are a problem solver that is driven by a systematic approach and keeps the overview over different tasks
- Team work is as important to you as a proactive and self-initiated mindset
- Coordination skills and accuracy complete your profile

A unique offer that inspires:

For the advertised position we offer a gross annual salary from € 45.000,-- (on a full-time basis) with the possibility of overpayment, depending on professional qualifications and experience.

Further information on EBG MedAustron GmbH, our benefits and what matters to us can be found here.

You are the right person for this job?
Take the next step in your career and send us your application via our online application-tool.