

Our research group at the Department of Cardiology & Angiology at Medical University Innsbruck investigates the control of the cardiovascular system by the autonomic (unconscious) nervous system using advanced digital technologies to analyse and process raw data into clinically relevant biomarkers indicating a high individual risk for sudden cardiac death.

To upgrade our engineering team power, we are currently looking for a

Scientific Engineer

to help us push ahead our research projects involving machine learning techniques, signal processing and app development.

Your core responsibilities

- Software development (algorithm development, server applications)
- Building-up and extension of telemonitoring projects (full-stack)
- Technical support of our team (physicians, study nurses)
- Electronic device acquisition and maintenance (smart devices, high level signal recording devices)

Must-haves

- Bachelor's degree or higher in natural sciences
- Good programming skills (e.g., Python, Matlab, R)
- Willingness to support the team & strong motivation to learn
- German and English language skills

Nice-to-haves

- Android programming skills
- Linux command line proficiency
- Experience with hospital information systems
- Machine learning experience

We give you

- Full-time position with permanent contract (Medical University Innsbruck)
- Salary according to Collective Bargaining Agreement depending on qualification and experience
- Working in a young and motivated team with publications in high-ranked medical journals
- Support for training and learning
- Work place in the midst of the action
- Possibility to complementary conduct a Master's or PhD thesis at the Medical University Innsbruck

See our clinic webpage: <https://bit.ly/3kxhmbR>

Contact: Michael.Schreinlechner@i-med.ac.at

Technical questions: Michael.Toifl@i-med.ac.at