

The Chair of Building Realization and Robotics at TUM (Prof. Bock) is currently coordinating International Research Projects in the area of prevention with ICT, Healthcare and Assistive Robotics technologies. To strengthen our team at TUM we are looking for a:

Research Assistant (m/f)

Profile:

- Master or Diplom degree related to the fields of Electrical and Electronic Engineering, Medical Engineering, Informatics, Mechatronics, Control Systems, Automation or similar discipline
- Minimum of 1 year of work experience in research projects or comparable work experience

Major duties and responsibilities:

- All aspects of the modern software development lifecycle: unit testing, continuous integration, version control, debugging, documentation and direct user support
- Development of software algorithms for sensor data acquisition and data fusion
- Designing solutions for persuasive approaches for different use cases and personas
- Linking to relevant project partners who will develop related solutions
- Assisting the scientific coordinators team

Essential skills and experience required:

- Strong experience in Python, C++
- Strong motivation to learn the other languages / technologies that we use
- Knowledge of low-power wireless M2M networks
- Very good familiarity with the modern software IDEs
- Good team players and fluent written and spoken English

Preferred:

- Data Acquisition & Fusion
- Embedded Systems
- System Integration

What we offer:

- Prestigious projects of global prominence in prevention technologies, services and underlying health care ICT platforms
- A dynamic, interdisciplinary, and international team
- Worldwide networking opportunities with leading ICT and Healthcare experts
- A modern working environment based at the TUM Campus in Munich
- Remuneration in line with the current German public service salary scale TV-L, level E13
- Support for further career development in academia

Applicants should submit a cover letter and a detailed CV (please include all relevant copies of key documents) in PDF format only, with file name "<surname>_RESEARCH_ASSISTANT_COVER" and "<surname>_RESEARCH_ASSISTANT_CV" electronically to bewerbung@br2.ar.tum.de

Start date: at the earliest on 1st of October 2016

Deadline for application: 15th of August 2016

For more information please visit: <http://www.br2.ar.tum.de/>

TUM has been pursuing the strategic goal of substantially increasing the diversity of its staff. As an equal opportunity and affirmative action employer, TUM explicitly encourages nominations of and applications from women as well as from all others who would bring additional diversity dimensions to the university's research and teaching strategies. Preference will be given to disabled candidates with essentially the same qualifications. International candidates are highly encouraged to apply.