



Pro²Future – Products and Production Systems of the Future – is a COMET competence center that attempts for next generation products and manufacturing machinery with embedded cognitive capabilities. It is a joint effort of world leading Austrian industrial enterprises and the nation’s top scientific institutions in ICT and Production Engineering: Johannes Kepler University Linz, Graz University of Technology and Profactor GmbH. Furthermore, it is endorsed by the Provinces of Upper Austria and Styria, Austria’s strongest regions in industrial leadership. Pro²Future operates three research sites in Linz, Graz and Steyr.

To broaden and support our research activities in the field of Cognitive Products we are currently offering the position of a

Junior Researcher

Full-time (38.5 hours/week), at Pro2Future GmbH in Graz (TU Graz, Campus Inffeldgasse)

Project context

Design, implementation and evaluation of a model-based information system for automotive product design processes. Together with an internationally successful industrial partner in the automotive industry, we investigate how technologies from the World Wide Web, the Semantic Web and linked data as well as logic-based planning can be applied to autonomously plan testing procedures within automotive product design processes. This project should form the core and set the general domain of a PhD thesis in Computer Science.

Job profile

The successful candidate will be engaged in the design, implementation and evaluation of Web-based information systems. To this end, we require you to already have (basic) skills and are passionate about one or more of the following domains: information systems; Web technologies; Semantic Web; Linked Data; AI planning. Broader experience in the field of artificial intelligence and software development (in particular Web applications) are also of advantage. The successful candidate seeks ambitious work with a direct real-world impact in industry-driven research and is particularly striving to obtain a PhD in Computer Engineering under supervision of Prof. Dr. Kay Römer at the Graz University of Technology.

The successful candidate will work within an interdisciplinary project team consisting of experts including the industrial partners, project management and scientific partners. The candidate will play a major role in shaping and executing the project’s research agenda. Project work will also involve collaboration and knowledge exchange with other Pro²Future partners, several associated international research groups, representation of Pro²Future at international scientific events and participation in the international research community.

Your qualifications

- A university-level Master’s degree in computer science, information systems, information science, mechatronics, telematics, mathematics, or related studies.
- Programming skills in a current development environment (JavaScript, Java, Scala, Go, ...)
- Fluent English, written and spoken. German is appreciated, at least willingness to learn German.

Our offer

- The opportunity to work in a young, dynamic, creative and collaborative team with strong ethos of mentorship and professional development as well as a focused publication agenda.
- The opportunity to align your PhD research with an industrial research project
- A collegial and supportive environment to establish yourself and your scientific career
- A full-time gross salary of 2,819 Euro per month (14 times a year).



Pro2Future GmbH is an equal opportunity and family-friendly employer. We particularly welcome applications from women and international candidates.

To apply for this position, please send your application (including CV, supporting documents, letter of motivation) via email to: jobs@pro2future.at

Pro2Future GmbH

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