

PhD Candidate with SAP Research Switzerland (Project: SOA4All)

PURPOSE AND OBJECTIVES

SAP Research Centers support SAP's long-term strategy through applied technology research. Located on the campus of the University of St. Gallen (HSG), the SAP Research Center in St. Gallen focuses on application-oriented research in the areas of smart items and enterprise SOA. It combines SAP's technological know-how with the business expertise of HSG.

In the EU-funded research project SOA4All, we investigate how to simplify the handling of Web services such that users with limited IT knowledge are able to search, execute, and even build composite applications on the basis of semantic Web services. During your PhD, you will be able to contribute to this vision by advancing the state of the art in one or more of the following areas: lightweight business process modeling, semantic web services, end-user development, web 2.0 principles etc.

EDUCATION AND QUALIFICATIONS/SKILLS AND COMPETENCIES

- Interest in pursuing a PhD degree in a combined industrial and scientific setting
- University degree (Diploma or Masters) in computer science or closely related field with very good to good results
- Strong theoretic and practical background in some of the following areas: Web Architectures and Internet Technologies, Web 2.0 design principles and technologies, Service-Oriented Architectures, Business Process Modeling, Business Applications, Semantic Web, Machine Learning, UI Design,
- Software design and development skills with Java technologies and modern IDE's
- Flexibility and strong team working skills
- Fluent in English, good verbal and written German skills

EXPECTATIONS AND TASKS

We are looking for a highly motivated PhD student (f/m) who enjoys researching on the latest technologies in a fast-paced environment. As a PhD student and team member of SAP Research your work in research projects includes analyzing the state of the art of a specific technology area, prototyping and developing innovative solutions, as well as documenting and communicating the research results.

We offer you a great working environment at our Research Center in St. Gallen. You will have the possibility to gain both practical experience and theoretical knowledge within a highly motivated and international team. Supported and guided by a mentor, you will be able to directly participate in one of our challenging research projects.

Your set of application documents should contain a cover letter, a tabular CV, copies of the obtained degrees and (if available) copies of your references from former employers, and your preferred starting date.

WHAT WE OFFER

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| Contract Type: | Limited Full Time |
| Job Location: | St.Gallen, St. Gallen Switzerland |
| Contact: | Ms. P. Kesselring, (Toll free: 0800 558 676, International: +41 58 871 6013) |
| Additional Information | Duration of contract 3.5 years |
| Reference Code | CH-52567427-EN-09-002 |