

# Internship / Master Thesis with SAP Research Switzerland (Project SOA4All: Single Purpose Applications)

## PURPOSE AND OBJECTIVE

SAP Research Centers support SAP's long-term strategy through 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 Service Architectures. It combines SAP's technological know-how with the business expertise of HSG.

In the 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 simple composite applications with Web Services. The internship or Master project will contribute to this vision by developing user-friendly web and mobile single purpose applications using services of the SOA4All Platform. The concrete topic of a bachelor/ master thesis can be tailored to your skills and research interests and is open to include further ideas and suggestions.

## EDUCATION AND QUALIFICATIONS / SKILLS AND COMPETENCIES

We are looking for a student (m/f) in the field of computer science, information technology, business administration, physics, mathematics, or related topics.

As an internship, the project is suitable for students from all Universities. As a Thesis, the project is suitable for students from Universities of Applied Science.

The topic requires solid practical and theoretical background in web technologies such as Web 2.0, REST, HTTP and XML. Moreover, good software design and development skills are a must. You should be familiar with Web programming and experience with iPhone or Android application development is a plus.

You will be part of a small team of up to 10 members, which requires flexibility and good team work. The team is international so a good knowledge of English is a must.

## EXPECTATIONS AND TASKS

We are looking for a highly motivated student that enjoys working with the latest technologies in a fast-paced environment. Your main responsibilities will be to actively participate in the SOA4All project team and design, implement, and evaluate a single purpose application prototype.

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.

## WHAT WE OFFER

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 directly participate in one of our challenging research projects.

Contract Type:	Internship/ Master Thesis/ Students for 6 Month or longer
Job Location:	Switzerland, St. Gallen
Contact:	Dr. Jürgen Vogel (juergen.vogel@sap.com)