Internship/ Master Thesis @ SAP Research Swiss

Evaluation of Mashup Tools

SAP Research – the technology research department of SAP – prepares the groundwork for future growth by identifying emerging IT trends. If focuses on strategically important SAP business areas together with leveraging entrepreneurial creative talent. SAP Research is a worldwide organization with European research sites in Belfast (UK), Darmstadt (D), Dresden (D), Karlsruhe (D), Sophia Antipolis (F), St. Gallen (CH), and Zurich (CH).

Purpose and Objective of the Job

Founded in April 2006 at the campus of University of St. Gallen (HSG), and in May 2007 at ETH Zurich, the Swiss SAP Research Centers focus on application oriented research in the areas of Smart Items and Enterprise Service Architectures. The Research Centers combine the technological know-how and business expertise of HSG (one of the leading business schools in Europe), ETH Zurich, and SAP.

The intern (f/m) or master thesis student (f/m) will participate in one of our research projects in the area of “Internet of Services”. The international project team is concerned with the development of a visual programming environment for the modeling and execution of complex front-end gadgets which rely on backend Web Services enriched with additional semantic annotations.

Expectations and Tasks of the Job

We offer you a great working environment the possibility to extend your practical experience and theoretical knowledge within a highly international team. Supported and guided by a mentor, the intern (f/m) or a master thesis student (f/m) will support our initiative, being able to drive topics independently:

- Setup and configuration of different Mashup Tools
- Analysis the underlying architectures and principles
- Evaluation of the tools
- Eventually design and built a first 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 (e.g. internships). Please describe as well your experience and skills in computer programs/programming languages in context of SOA and Web 2.0.

Education and Qualifications / Skills and Competencies

- Student (f/m) of an university in the field of Computer Science or Information Systems
- Strong theoretic and practical background in the following areas:
  - Service-Oriented Architectures (SOA) – in particular Web Services
  - Web 2.0 technologies
  - Web Architectures
  - Programming experience (Java, J2EE, AJAX, etc.)
  - Experience in Business Process Management (BPM) and Semantics is a plus
- Flexibility and good team working skills
- Good English language skills

What We Offer

Contract Type: Internship/ MasterThe/ Students
Job Location: Switzerland, St. Gallen
Reporting to: Dr. O. Christ
Contact: Christoph Schrotth
christoph.schroth@sap.com

Additional Information
Preferred duration: 6 months
Earliest start date: 02/2008
Reference Code: SG_FAST_2008

There’s a Place for People Like You