

Training Offer:
Service-oriented computing, Fault-tolerance and Telemedicine

The Software Engineering Competence Center (<http://se2c.ist.lu>) of the University of Luxembourg is offering 2 training positions to work on its R&D projects.

General Information

Fields	Service-oriented computing, Small embedded systems, Fault tolerance, Object-oriented programming
Reference	SE2C200405
Publication date	April 2 nd , 2004
Closing date	Avril 30th, 2004
Location	Luxembourg
Institution	University of Luxembourg
Role or Area	R&D in Software Engineering
Term type	Fixed term contract
Monthly Salary	1000 to 1250 euros per month, will be dependent on experience and qualifications.
Starting date	ASAP
Duration	6 months to three years (in the case of acceptance for a PhD program)

Description

The primary role of this position will entail involvement in

- Designing and developing case studies in relation to our R&D projects
- Participating in dissemination activities
- Participating in technology transfer to Luxembourgian companies

The successful candidate(s) will work with a team of specialists in software engineering in the following fields: Model Driven Engineering (UML Profiles, model-to-model and model to code transformation, MDA), Architectural Frameworks, Distributed Transactions and Service-oriented computing. The starting responsibilities consists in:

- Participating in the development of a research prototype for experimenting with fault-tolerance mechanisms like CA actions (<http://www.newcastle.research.ec.org/deva/caa/>), in the context of web services. The application domain is telemedicine.
- Designing a framework to support implementing CA actions

Ideal Profile

- Equivalent of DEA (Diplôme d'Etudes Approfondies) in Computer Science with specialization in Software Engineering
- Good knowledge of OOP (Java, Smalltalk) and UML
- Fluent in English or French, German and Luxembourgish will be a plus
- Passport of a country belonging to the extended European community.

Application

Please send your CV + introduction letter by email at: Reza.Razavi@univ.lu

Further Information

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SE2C Projects URL: <http://hera.ist.lu/tiki-index.php?page=Se2cProjects>