



STUDENT INTERNSHIP FOR IMMERSION PROGRAM ON FINANCIAL INNOVATIVE SYSTEMS - REGULATORY TECHNOLOGIES – BUSINESS ANALYTICS (M/F)

Internship | 3-6 months | Fulltime/40h | Belval

Context

You will have the chance to work on concrete and value-creation projects led by different specialists from our institution who are engaged with world-class companies and enterprises. The Institute is opening a number of internship / trainee positions in its **Information Technology for Innovative Services (ITIS)** Department to be part of a deeply multidisciplinary experience.

Description

This is a learning opportunity for outstanding students formally engaged in University programmes around the world. The topics are all hands-on and practical, covering all forms of analytics, from building complex models from data to using different tools and engineering methods; focusing on one or more of the following domains and industries: legal informatics, data analytics, applied statistics, machine learning, big data and high performance computing infrastructures (open software solutions, HANA and Bluemix environments leading to cloud deployments); financial services innovative technologies, regulatory technologies, industry 4.0 and digital transformation in manufacturing, algorithms and software prototypes, coding and more.

You will not be expected to do all the above areas but you need to be passionate and hard-working, have a serious interest and minimum competence in some industry (finance or manufacturing or information technology or to be an attorney with strong technology interests or ready to address privacy or regulatory compliance in any industry). You need to have a strong career aspiration to work in some core subjects that emerge in the labour markets around the world, namely, business analytics or legal matters (privacy, regulations for different sectors), or have a strong background in (or learn more) applied statistics or in implementation of software of machine learning or cognitive systems ideas.

The immersion program aspires to provide you with a unique opportunity to learn and be of service in concrete activities, working on real-life problems that will help you prepare for your future employment or innovation aspirations (students interested in growing their own start-ups are very welcome too).

During the period of your immersion, you will be part of several 'hackatons' and 'insightatons', particularly those of you with the aspirations of working in analytics and applications in financial services and industry 4.0 problems.

Profile

Education

- Current student in any of the above domains; formally enrolled in a University and to begin their last year of Masters Degree in any of the specialities related to the subjects of this call

Job reference: ITIS-Internship-2017-007

Application file:

- A CV
- A motivation letter
- Any other document you may think useful to be considered in your application file

Apply online: [ITIS-Internship](#)

Contact: jobs@list.lu

Your working environment

The research department

Committed to multidisciplinary, the IT for Innovative Services department (ITIS) conducts research to develop models, methods, software and devices for smart systems, fusing human and technological aspects. Its ambition is to build trust around services, to develop new services with high level of informatics and to support innovation of IT-Based services.

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Any students engage in PhD program in the above domains are also welcome (but not mandatory):

- Beyond Analytics, Statistical methods, Machine Learning, and strong interest in related business applications and/or infrastructure-architecture for data analytics, outstanding students with a strong interest in application of Semantics Technologies in legal domain, ranging from XML to Rules representation schemes are sought after, with a very strong interest in participating in building “documents-to-information” solutions by learning deep and complex XML schema used in the European Union regulatory activities

Competencies

- Specialization in the masters or PhD programs related to the subjects for the internships

Language

- English (Fluent) is obligatory

All interns receive a monthly compensation of €950

The Luxembourg Institute of Science and Technology (LIST) is a mission-driven Research and Technology Organisation (RTO) that develops advanced technologies and delivers innovative products and services to industry and society. Located at the heart of Luxembourg's vibrant Research and Innovation Campus in Esch-Belval, LIST can ideally connect its over 500 specialists in materials, the environment and IT with virtually all of Luxembourg's other main research players such as the University of Luxembourg, LIH, LISER, Technoport, Luxinnovation and the National Research Fund. **LIST.lu**

The LIST is committed with equality of opportunities and gender balance