

Student Internships and Part Time Jobs @ SnT

## Topic: Open Data Intelligence

### **Environment:**

The SEDAN (SErvices and Data mANagement) research group at Interdisciplinary Research Center of the University of Luxembourg (SnT) addresses impact oriented research activities in the areas of security, service management and monitoring. More specifically the group is interested on designing architectures, algorithms and approaches in the context of the new challenges given by ever increasing volumes of data.

For more information visit: <https://wwwen.uni.lu/snt/research/sedan>

### **Project:**

This internship/student job is part of a FinTech Spin-Off project focusing on Open Data Intelligence for KYC/AML applications. The focus of this internship is the identification and automated retrieval of public data sources, including but not limited to, business registers, sanctions & criminal lists and Politically Exposed Persons (PEP) databases. The student will assist the technical and research team in retrieving entity data from multiple public sources, normalize it and then link entities across sources using entity resolution technique.

FNR Project Information: <https://www.fnr.lu/projects/digitalus/>

Spin-Off Website: <https://digitalus.io/>

### **Your role:**

- Identifying and validating public sources of entity data.
- Fetching and extracting entity data into the existing platform.
- Create/maintain work documentation.

### **Requirements:**

1. Bachelor or Master student in Computer Sciences or equivalent engineering degree
2. Good development skills (Python, C/C++, Java or any other server-side language)
3. Good knowledge of database technologies and languages, including SQL, Elasticsearch
4. Fluent in English (oral and written)
5. Web crawler technologies including Scrapy and/or Selenium is a plus

If you are passionate about data science and like impact-oriented research together with a start-up team, please get in touch with us. Applications are welcome at any time of the year!

This internship could lead to a full-time employment at the start-up company!

### **Organization:**

- Location: SnT Research Center of the University of Luxembourg, Luxembourg City
- Expenses will be covered by a monthly lump sum

### **Contact:**

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