

## Junior Research Associate / Doctoral Candidate (PhD student) Security and Privacy in Network Communication



The University of Luxembourg offers the opportunity to join a high-level industry-driven research group carrying-out internationally competitive research in secure, reliable and trustworthy ICT systems and services. The successful candidate will work alongside an interdisciplinary and horizontal team focusing on the design and implementation of new architectures and communication paradigms for the IoT and ad-hoc networks, meeting the challenges posed by the Future Internet.



### Your Role:

Our research intensive PhD programme offers students unique opportunities to pursue globally competitive research alongside forging their own career path, whether aimed at future postdoctoral research or direct job integration in one of our industry partners. As a junior research associate, you will be committed to excellence in the domain of computer science with strong focus on security and privacy in distributed systems and network communication. Specifically, you will integrate a current research project focused on the analysis of the susceptibility of existing privacy-preserving routing protocols with respect to traffic analysis together with the design and analysis of appropriate countermeasures that take into account quality-of-service, scalability, and legal requirements.



### TO APPLY

For further details of the group's current research and industry partners, visit: <https://secan-lab.uni.lu/>

Please send:

- Cover letter
- Detailed CV
- Copies of official transcripts

### Your Profile:

You will have a MSc in Computer Science, Applied Mathematics/Physics or related field and experience with programming (C++, Java, etc.) and/or scripting languages (Perl, Python, etc). Basic Linux/Unix skills are also desirable, but not essential. Knowledge of data mining, machine learning, statistics and result visualization concepts is also an advantage.

Contact and informal enquiries:

[secanlab.jobs@uni.lu](mailto:secanlab.jobs@uni.lu)

### We offer:

Our PhD students and junior associates enjoy competitive salary and generous travel allowance to attend conferences and workshops. You will be enrolled in the University of Luxembourg's Doctoral School with opportunities to pursue complementary courses in computer science or other research-oriented skills. The group is dedicated to increasing the personal market value of its researchers, ensuring their best options to pursue their academic or industry careers. Currently, the group accepts PhD supervisions in languages including (but not limited to) French, English, Spanish, Ukrainian, Italian, Arabic, Greek, German or Luxembourgish. Researchers are encouraged to use their mother tongue in their daily professional life.

Other advantages include:

- A scientifically innovative, well-equipped, and international working environment
- 32 days annual leave, monthly lunch vouchers, personal insurance, subsidized public transport
- Opportunity to collaborate with other Interdisciplinary Centres of the University of Luxembourg
- The University is an equal opportunity employer. Women, minorities, and individuals with disabilities are encouraged to apply.

Applications **MUST** be submitted through <http://secan-lab.uni.lu/jobs>, and include a cover letter, CV, and copies of official transcripts.

**Deadline: 1st November 2017.** However, early applications are encouraged and will be regularly processed before the deadline.

