

Research Intern at Inria in France

Unique ID#: F0003

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1. Internship details

Company Name: **Inria**

Position Title: **Research Intern**

City: **Lille**

Country: **France**

Internship Term: **Fall 2018**

Number of Position Available: **1**

Language Requirements: **English**

Company Address: **Inria, 40 avenue Halley, 59650 Villeneuve d'Ascq, France**

Internship Hours: **Full-Time**

Compensation: **Paid (Around 500 euros per month with assistance for accommodation and participation for lunch)**

1.1. About us

Inria, the French National Institute for computer science and applied mathematics, promotes “scientific excellence for technology transfer and society”. Graduates from the world’s top universities, Inria's 2,700 employees rise to the challenges of digital sciences. With its open, agile model, Inria is able to explore original approaches with its partners in industry and academia and provide an efficient response to the multidisciplinary and application challenges of the digital transformation. Inria is the source of many innovations that add value and create jobs.

1.2. Internship description

The intern will be in charge to implement an adaptive multi-channel MAC layer for wireless sensor networks issued from research results and to develop a proof-of-concept demonstrator on real hardware.

1.3. Responsibilities

- Conduct an end-to-end development and experimental projects.
- Realize a demonstrator.
- Prepare associated documentation and tutorials.
- Make a reflection on limitations of the final realization.

1.4. Qualifications

- Development skills (such as python, C, java, JSON, databases), web and network technologies.
- English spoken.
- Autonomous and Curious.
- Capacity to work in team.
- Interest in research and internet of things

1.5. Benefits of Interning with Us

- Discover the research world.
- Concretize a research project into a demonstrator.
- Discover the hidden face of the Internet of things.