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## About the company

Qplox is a fast growing company offering test and automation engineering. Headquartered in Leuven (Belgium), our clients are major multinational enterprises and local companies. Our consultancy department offers services in automotive, RF, semiconductors and electronics design and test. We offer a one stop shop for test benches, system integration production and lab automation solutions.

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## Job Description

We are offering a student internship to design an IoT solution with our team in Leuven. The selected intern's day-to-day responsibilities would include:

- Research on IoT sensor nodes that will fit best to the proposed solution.
- Research on Air quality sensor nodes and transceivers
- Development and programming of Chosen IoT applications and networks
- Data analysis
- Research on alternative solutions using other IoT protocols/solutions available.
- Managing BOMs and ordering electronic components.
- Handle solution prototyping (e.g., design schematics, solder components, program MCUs, troubleshoot circuits).
- Work on testing and project documentation.

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## Candidate Description

We are looking for a motivated, open and positive thinking student with the following requirements:

- Finishing a MSc degree in Telecommunications, Electronics, Computer sciences or related.
- Familiar with Python and C/C++
- Some experience in programming embedded processors like Arduino, BeagleBone or Raspberry pi
- Knowledge of networks, Internet protocols and IoT
- Preferably with some knowledge on secure protocols like REST
- Have interests in the IoT
- Hands-on approach and problem solving driven.
- European residence and working permit
- Good command of English, both spoken and written.

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## We offer

An internship with opportunities of continuation in a fast developing and innovative company, Formation in multidisciplinary environment plenty of learning opportunities. Housing costs covered by the company.

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## Contact

Send your CV and application letter to [jobs@qplox.com](mailto:jobs@qplox.com) with the subject "IoT Student Internship"

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