



Job opening 2016 – R&D Java Developer / Utility Network Engineer

Comsof is a spin-off of Ghent University and develops unique software called FiberPlanIT for the design and optimisation of FTTx (Fiber-To-The-x) networks. FiberPlanIT uses GIS data (also used in eg. Google Maps) to get an accurate view of the physical reality of the access network, and allows to perform high level simulations regarding the topology and technology and to create detailed designs.

Comsof has recently started a research project called CrossPlanIT for the extension of FiberPlanIT to other utility networks like electricity networks, smart grids and heat networks.

In order to further expand the activities of Comsof concerning FiberPlanIT and CrossPlanIT, we are looking for a Java developer with an interest (and ideally some background) in these utility networks.

Keywords: research, java, object-oriented programming, utility networks, telecom, FTTx networks, electricity networks, smart grids, heat networks

Your responsibilities

You will join our R&D team where your task will consist of two components:

- 1) You will be involved in the development of CrossPlanIT and the further development of FiberPlanIT, while always keeping an eye on the quality of the code and the object-oriented design of the software. If interested, you can also be involved in the development of new optimisation algorithms (routing algorithms, spanning trees, graph clustering...)
- 2) You will gain the necessary technical knowledge on electricity networks, smart grids and/or heat networks for modelling such networks. You will work together with research partners (eg. universities) to identify the technical constraints which are specific for the different utility networks, translate these to algorithmic problems for which the R&D team will develop solutions, and work on specific use cases together with industry partners to evaluate the algorithms.

Profile

- You hold a master or PhD in engineering or similar with a good track record.
- You have good programming skills in Java or another object-oriented language.
- You have a strong focus on object-oriented reasoning.
- You have some background in electricity networks, smart grids and/or heat networks or are willing to make your way into the subject matter enthusiastically.
- Experience with telecom, GIS or efficient optimisation algorithms is a plus.
- You are flexible, creative and are able to work both independently and in a team.
- You speak and write fluent English (and ideally also Dutch, but this is not mandatory).

Our offer

- The chance to work in a professional and challenging environment with a highly skilled team
- Interesting job content with a focus on research and innovation
- An open working atmosphere (with optional board game evenings!)
- Flexible office hours with the possibility to occasionally work from home
- An interesting job location, easily accessible alongside the ring of Ghent
- A generous salary package with extra-legal benefits

Interested?

Send your CV by e-mail to jobs@comsof.com and we will contact you shortly.

Spontaneous applications

If you are interested in other functions at Comsof, don't hesitate to send us your spontaneous application at any time.

More information

Visit <http://www.comsof.com> and <http://www.fiberplanit.com>

Location

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