

OPNT Vacancy

Senior Software Engineer

About OPNT

OPNT is a young and ambitious spin-off company of VU University Amsterdam which develops cutting edge timing solutions for fiber-optic telecommunication networks. We are the first worldwide provider of short and long-haul optical timing and synchronization solutions based on the White Rabbit time distribution protocol, developed at CERN.

Position

As a senior software engineer, you will play an important role in our multi-disciplinary development team. Your primary tasks will be: developing software in C on embedded Linux platforms, coaching junior engineers and make sure the architecture of our software is sound. As an ideal candidate for the job, you hold a bachelor or master degree in Software Engineering or Applied Computer Science. You are an efficient worker, capable of planning ahead of time, and distinguishing essential matters from side-issues. "Sense of humor", "team player" and "taking initiative" are characteristics which you recognize in yourself. Your attitude is best described as pro-active, creative, flexible and ambitious.

Job Qualifications Requirements

- 10 years of experience with programming in C
- Knowledge of Python
- Knowledge of developing software on Linux and using Linux as a development platform
- Experience with the Linux operating system, shell scripts, and interfacing (ethernet, serial, etc.)
- Being able to use MATLAB/GNU Octave is a plus
- Experience with the PTP protocol is a plus
- Knowledge of the Linux kernel, bootloader and the Buildroot environment is a plus.
- Affinity with digital electronics and knowing how to operate (electronic) test equipment are a plus
- Experience with debug equipment (JTAG interface) is a plus
- Knowledge with fiber-optic networks and the components involved is a plus
- Knowledge of English (verbal and writing)

Personal Skills Requirements

- Pro-active, decisive, takes ownership
- Strong communicator with a pragmatic attitude (able to prioritize main and side issues)
- High personal standard of quality
- Ability to work comfortably in both individual and team environments
- Good written and verbal communication skills
- Being able to work in an agile development environment
- Capable of coaching and transferring your experiences to (junior) colleagues

What OPNT Offers

We offer you a position in a small yet rapidly growing team in a cutting-edge R&D environment. Several internationally recognized experts in the area of time and frequency distribution are part of OPNT's engineering team. As an engineer at OPNT you will have a unique opportunity to obtain high-level engineering skills in network timing and synchronization, which will be essential for the coming generations of telecommunications networks and terrestrial positioning systems.

Our preference is for a full-time colleague, but part-time (minimum of 32 hours) is negotiable.

Contact

Are you interested in working for OPNT? Send your motivation letter and resume to info@opnt.nl.

Agency and third-party recruiter notice: Acquisition as result of this vacancy by agencies is not appreciated.