



## Senior Application Engineer – Optical Networking

VPIphotonics, premier provider of professional simulation software and design services for integrated photonics and fiber optics, optical transmission system and network applications, is offering a position in its headquarters in Berlin, Germany.

With a worldwide customer base spanning data/telecom, sensing and signal processing applications, VPIphotonics is seeking the talents of a Senior Application Engineer with an emphasis on optical networking, especially with aspects of Software Defined Networking (SDN), to contribute and drive R&D, technical services, product applications and business development in that area.

### Work Responsibilities

The successful candidate will provide and drive technical applications support and business development for VPIphotonics products and services. This will include:

- Participate in business development, product road-mapping and development
- Steer collaboration with our partners (telecom operators, system & equipment vendors, software providers)
- Develop and implement innovative network planning & operation algorithms
- Contribute to externally funded R&D projects, and co-publish papers on relevant topics

### Desired Skills & Experience

- PhD or MS degree in electrical engineering, computer science or optical networking related field is mandatory.
- Familiarity with aspects of optical networking and SDN is required.
- Understanding of optical communication systems and physical-layer impairments is required.
- Application knowledge of VPIphotonics design tools is a plus.
- Strong programming ability required; experience with OpenDaylight is a plus.
- Fluency in English is required; knowledge of German is a plus.

Further, we envision that the successful candidate will have

- Strong analytical & problem solving abilities
- Self-motivation and ability to conduct independent research
- Excellent presentation & communication skills
- Solid people skills, ability to work in a team
- Strong customer service orientation

This is a genuinely rare opportunity to work alongside global equipment manufacturers, service providers and research institutes. VPIphotonics will provide comprehensive product training, in addition to an exciting & rewarding international career path, to the successful candidate. *Only candidates with a valid EU Work Permit and the willingness to work in our office in Berlin, Germany will be considered.* Occasional travel is required.

Salary will be negotiated depending on a candidate's qualifications and experience. If you would like to be considered, please send your resume by Jun-20, 2019 to [jobs.GmbH@VPIphotonics.com](mailto:jobs.GmbH@VPIphotonics.com).

### About VPIphotonics

VPIphotonics sets the industry standard for end-to-end photonic design automation comprising design, analysis and optimization of components, systems and networks. We provide professional simulation software and professional consulting services. Our award-winning solutions are used extensively in research and development, and by product design and marketing teams at hundreds of corporations and at over 160 academic institutions worldwide. For more information, visit [www.VPIphotonics.com](http://www.VPIphotonics.com)