



Application Engineering Experts

for fiber-optical communication systems and networks

VPIphotonics (US), premier provider of professional simulation software and design services for optical communications, integrated photonics and fiber optics, is offering a position *in the Boston Massachusetts area*. With a worldwide customer base spanning applications in telecom/datacom, sensing and signal processing, VPIphotonics is seeking the talents of *Application Engineers at all experience levels* to work in our Technical Services team *with focus on the application of VPIphotonics' simulation tools on optical transmission systems and networks* as well as other fiber optic system modeling.

Work Responsibilities

Successful candidates will provide and drive technical leadership and application support for VPIphotonics products and services. This will include:

- Contribution and steering technical support and customer training in relevant applications areas
- Presentation of VPIphotonics design tools capabilities at customer meetings and tradeshows
- Participation in the development process, including knowledge transfer from research activities
- Publication of significant scientific or engineering results in journals or at conferences

Skills & Experience

- A master's degree in electrical engineering or physics is mandatory with a focus on optical communications or photonic systems. A Ph.D. degree would be a plus.
- A good understanding of optical telecom/datacom concepts and underlying fiber-optic and optoelectronic technologies is required.
- *Experience with VPIphotonics design tools is highly preferred.*
- Solid programming experience in Python or Matlab is highly preferred.
- Practical experience in a lab or the field with telecom/datacom equipment is a plus.

Further, we envision that the successful candidate will have

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

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 and rewarding international career path, to the successful candidates. Occasional travel is required.

Salary will be negotiated depending on the candidates' qualifications and experience. If you would like to be considered, please send your resume by December 31, 2020 OSA's Work in Optics or jobs.us@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