



## Application Engineer

for fiber-optical communication systems and networks

### Job Description:

Join the VPIphotonics US Solutions Center in Rochester, NY. The Application Engineer will work in our Technical Services team, focusing on simulating technologies and concepts for optical transmission systems and networks. A successful candidate will provide and drive technical leadership and application support for VPIphotonics products and services.

This opening is an excellent opportunity to work alongside global equipment manufacturers, service providers, and research institutes. VPIphotonics will provide comprehensive product training, flexible work hours, occasional travels, and an exciting and rewarding international career path to successful candidates.

Salary will depend on the candidate's qualifications and experience. If you would like to be considered, please send your resume to [jobs.us@vpiphotonics.com](mailto:jobs.us@vpiphotonics.com)

### Responsibilities:

- Presentation of VPIphotonics design tool capabilities at customer meetings/tradeshows
- Education of customers through applications notes, webinars, videos, and training
- Provision of technical application support and license networking support to customers
- Publication of significant scientific or engineering results in journals or at conferences
- Participation in the development process, including knowledge transfer from research activities

### Qualifications/Experience:

- A master's degree in electrical engineering, physics, or optics is mandatory, focusing on modeling optical communication systems, fiber-optic or photonic applications. A Ph.D. degree is 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 a plus.
- Practical experience in a lab or the field with telecom/datacom equipment is a plus.

### Skills and Abilities:

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

### About VPIphotonics

VPIphotonics is a premier provider of professional simulation software and design services for transmission systems, integrated photonics, optoelectronics, and fiber optics. Our worldwide customer base targets applications in telecom, datacom, sensing, and signal processing applications. We support R&D, product design, and marketing teams at hundreds of corporations and over 160 academic institutions worldwide. For more information, visit [www.VPIphotonics.com](http://www.VPIphotonics.com)