



(Senior) Application Engineer for Integrated Photonic and Optoelectronic Circuits

Job Description

Join the VPIphotonics Team in Berlin, Germany. The Application Engineer will work in our Technical Services team, focusing on simulating technologies and concepts for integrated photonics, optoelectronics, and related applications. 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, system integrators, 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.GmbH@vpiphotonics.com

Responsibilities

- Presentation of VPIphotonics design tool capabilities at customer meetings/tradeshows
- Education of customers through application notes, webinars, videos, and training
- Provision of technical application support to customers
- Conveyance of customer feedback to technical project teams
- Contribution to externally funded R&D projects
- 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, focusing on modeling photonic or optoelectronic applications, is mandatory. A Ph.D. degree or significant relevant professional experience is a plus.
- A good understanding of the design and manufacturing processes of integrated photonics and optoelectronics applications, including their underlying technologies, is required.
- Experience with VPIphotonics design tools is highly preferred.
- Solid programming experience in Python (or Matlab) is highly preferred.
- Fluency in English is required; knowledge of German is a plus.

Skills and Abilities

- Strong analytical and problem-solving abilities
- Strong customer service orientation
- Excellent presentation and 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.