

Photonic Engineer

Nexus Photonics is a fast-growing startup committed to **redefining what is possible** for the field of photonics. We are a dedicated team of scientists, engineers, and entrepreneurs working together to develop products that set new standards and pave a new path forward for the entire industry. To learn more, visit us at nexusphotonics.com.

We are seeking a talented candidate to join our team as a **Photonic Engineer**. Please find details for the role outlined below.

Responsibilities

The person fulfilling this role will have the following responsibilities:

- Design and develop photonic integrated circuits that meet target specifications.
- Perform complex experiments to characterize photonic integrated circuits, identify engineering trades-offs, and close the gap between measurements and simulations.
- Meet target specifications and customer requirements – and commit to exceeding expectations whenever possible.
- Work closely with Design, Test and Fabrication teams to improve performance and push boundaries.

Qualifications

A qualified candidate will have the following skills and experience:

- MS degree with 3+ years of experience or a Ph.D. with background in Electrical Engineering, Physics, or related field.
- Experience with complex opto-electronic device simulation, photonic integrated circuit characterization, and/or optical simulation preferred.
- Excellent communication skills.
- Ability to work both independently and collaboratively to meet the needs of the business.
- Thrives in fast-paced, entrepreneurial environments – demonstrates the ability to anticipate obstacles, quickly generate alternative solutions, and forge new paths forward as needed.
- Motivated to dig-in, problem-solve, and make the actions necessary to drive growth.
- Proficiency in software languages for simulations and testing is a plus.
- Familiarity with semiconductor fabrication process is a plus.

This position is full-time. To apply, please send your CV to hire@nexusphotonics.com with the position (Photonic Engineer) in the subject line. If your qualifications meet our needs, you will be contacted directly by the hiring manager. Thank you for your interest in joining the Nexus team.

Nexus Photonics is an equal opportunity employer, providing competitive compensation and benefits.