

Junior Photonics Engineer

Are you ready to work on cutting-edge technology that is revolutionizing the augmented reality (AR) industry?

Vitrealab (www.vitrealab.com) is a photonics start-up company, disrupting the AR display market with its Quantum Light Chip, a unique glass-based photonic integrated circuit. With a strong focus on intellectual property, we tackle the biggest challenges in brightness, energy efficiency, and form factor, enabling true AR applications. Join us as we redefine AR displays with innovation and precise light control.

Job Description

As a Photonics Engineer at Vitrealab, you will have the opportunity to work on a diverse range of tasks across the development lifecycle of our products. Your responsibilities may include designing, fabricating, testing, and prototyping photonic integrated circuits and polymer-based micro-optics, developing pilot-line fabrication processes, and designing, assembling and validating high-performance light engines.

Significant focus will be on:

- Support and drive Vitrealab's prototype assembly flow
- Qualify demos before shipment to partners
- Support business development with technical support regarding demos
- Develop and improve processes around demo assembly workflow

Prerequisites

You will hold a BSc, MSc or PhD degree in Physics or Engineering, ideally with an optics background. Preferred skills include expertise in photonics design and simulation tools (e.g., Zemax, LightTools), hands-on experience in optical fabrication and laser handling, familiarity with pilot-line process development or micro-optics assembly, and knowledge of AR display technologies.

You will also demonstrate the ability to solve complex problems, thrive in a dynamic team, think independently, adapt to fast-changing environments, and apply creativity. To be considered for this role, you must have work-proficient English. An already existing Austrian work permit is preferred.

Benefits

You will have the opportunity to join an international, fast-growing start-up on a mission to scale Quantum Light Chip (QLC) technology, creating light engines that redefine how people see and experience the world. Work in a state-of-the-art cleanroom facility equipped for pioneering innovation, and grow professionally in a dynamic, collaborative environment. Salaries are tailored depending on your qualifications and experience, ensuring competitive compensation.

Location: Vienna, Austria (On-site)

Start date: Open to discussion, but immediate onboarding is welcomed

Type of contract: full-time

Get in touch

For more information please get in touch with work@vitrealab.com and attach your CV.