



## **Pilot Photonics**

DCU Alpha Innovation Campus  
Claremont Avenue  
Glasnevin  
Dublin D11P22X  
Ireland

[www.pilotphotonics.com](http://www.pilotphotonics.com)

[william.oppermann@pilotphotonics.com](mailto:william.oppermann@pilotphotonics.com)

## **Electronics Technician – R&D Laboratory**

**Company:** Pilot Photonics

**Location:** DCU Alpha Innovation Campus

### **About Pilot Photonics**

Pilot Photonics is an innovative laser design company specialising in advanced photonic solutions for applications in telecommunications, space communications, and next-generation data centre networks. Our R&D team develops cutting-edge laser technologies used in high-performance optical systems worldwide.

---

### **Role Overview**

We are seeking a motivated **Electronics Technician** to join our R&D laboratory in Dublin. This role involves supporting the testing, development, and validation of advanced laser systems used in space modems, telecom infrastructure, and high-speed optical communications.

This is an excellent opportunity for someone eager to develop their technical skills in a fast-paced, research-driven and product development environment.

---

### **Key Responsibilities**

- Assemble, test, and troubleshoot electronic and optoelectronic systems
- Perform measurements using laboratory equipment such as oscilloscopes, multimeters, and data analysers
- Read and interpret electronic schematics and technical documentation
- Diagnose and debug circuit boards and subsystems
- Repair and rework hardware, including replacement of faulty components
- Support experimental setups and data collection for R&D projects
- Document test procedures, results, and observations

---

### **Qualifications & Experience**

- Relevant qualification in electronics or a related discipline (Level 6 or Level 7)
- Strong understanding of electronic principles and circuits
- Ability to read and interpret schematics
- Hands-on experience with lab test equipment (oscilloscopes, meters, analysers)
- Experience debugging and repairing electronic hardware

---

### **Desirable Skills**

- Basic programming knowledge (e.g., Python)
- Familiarity with Linux operating systems

- Experience in photonics, RF, or high-speed electronics (an advantage but not required)
- 

### **Personal Attributes**

- Enthusiastic and eager to learn new skills
  - Strong problem-solving ability
  - Good attention to detail
  - Ability to work independently and as part of a team
- 

### **What We Offer**

- On-the-job training and mentorship from experienced engineers
  - Opportunity to work on cutting-edge laser and photonics technologies
  - Collaborative and innovative R&D environment
  - Career development opportunities within a growing company
- 

### **How to Apply**

Please submit your CV and a brief cover letter outlining your experience and interest in the role.