

OPEN POSITION FOR ELECTRONIC ENGINEER

About Lithium Lasers

Lithium Lasers is a young start-up focused on development and production of innovative high power ultra-short pulse lasers for industrial applications. As an innovative start-up, Lithium Lasers offers an exciting dynamic environment where to work in close collaboration with the whole team.

The company is strongly focused on the development of innovative ultra-short-pulse lasers with the aim of setting a new standard for industrial micromachining applications. With our lasers we will help our customers to drastically increase their production throughput and minimize manufacturing costs of high precision micro-machined components.

Today, we are looking for a talented and highly motivated engineer who will be responsible for the **electronics and software development of our high-power femtosecond lasers**.

Key Job Duties and Responsibility

- Work with the team to ensure delivery of technological solutions within the planned deadlines and budgets
- Learn all the details of the existing electronics system designs and create innovative solutions for optimizing them
- Create designs supported by detailed documentation and bill of materials
- Support manufacturing of existing laser products
- Ensure product compliance and certification according to industry standards

Qualifications and Hard Skills

- Master degree in Electronic Engineer or similar with at least **3 years of experience** as electronic engineer
- Programming with MicroPython and C++ for MCU (I2C, Serial, MODBUS/RS485)
- PCB design and circuit protection
- Quick prototyping and testing with boards
- Use of SPICE simulator
- Digital system design (AND/OR ports, buffers, Flip Flops, Latch)
- GUI's design with Python
- Good manual skills with soldering station
- Knowledge on EM interference shielding techniques
- Phase locked loop design is an additional advantage

Soft Skills

- Availability to assume other complementary roles
- Perseverant, well structured, accountable, able to work in a team
- Eager to grow within the role, able to work with grit in a small start-up environment
- Strong interest for technology and innovation, proud of working for a company who wants to make the difference in the ultra-short pulse laser industry

Work location: via Zeni 8, 38068, Rovereto (Trento), Italy

Starting from: as soon as possible

Type of contract: full time

Contact

If you match the position and you are interested in this job offer, please contact us and send us your CV at mpagani@lithiumlasers.com

WE ARE LOOKING FORWARD TO HAVING YOU ON BOARD !