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## Company

Menhir Photonics is a dynamic Swiss laser manufacturer offering laser solutions of unprecedented robustness and reliability to customers around the globe. Based in Switzerland, our team has strong expertise in the development and production of ultrafast lasers for the markets of aerospace, telecom, and metrology. For our ambitious business scale-up we are looking for a **Laser Application Engineer**.

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## Job Description

Your primary duties and responsibilities:

- Support the development of systems using Menhir Photonics lasers, including amplifier development and testing, noise characterization, and optical performance optimization of the system
- Perform optical test functions on lasers including noise (PN and AM), fceo, spectral, and temporal characterization of optical pulses
- Coordinate R&D activities related to active stabilization of the lasers (frep, fceo and frequency-comb)
- Provide regular progress reports and maintain timelines for multiple projects
- Assist customers and partners in the usage of Menhir Photonics in their applications
- Understand the health, safety, and environmental requirements and regulations
- Support high quality standards and practices according to ISO9001



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## Experience and Education

Your background:

- **PhD in ultrafast laser technology and applications (completed within the last 3 years)**
- Familiarity with optical measurements equipment and testing set-ups
- Strong analytical and problem-solving skills
- Ability to work under pressure and manage multiple priorities
- Excellent communication and interpersonal skills
- 1-2 years work experience in the ultrafast laser market
- Good knowledge of Python programming
- Project management experience and professional certification (e.g., CPMP, PMP, Agile)

- Professional knowledge of English is required, and basic knowledge of German and other European languages is welcome
- Experience with femtosecond lasers, fiber lasers, and stabilization electronics is mandatory (*applications without this experience will not be considered*)

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## Conditions

- The position is 80% to 100% (34-42 hours/week)
- Onsite
- The workplace is located at our headquarters near Zurich in Glattbrugg, Switzerland
- The preferred starting date is Nov 1<sup>st</sup>, 2024

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## Contact

If you are interested in learning more about this opportunity and getting to know us, please email your CV and tell us more about why you're a good fit for this position at [talents@menhir-photonics.com](mailto:talents@menhir-photonics.com).

Please reference "MPZH034" in the subject line. We look forward to hearing from you!

Applications will be accepted until November 8, 2024.