

Mechanical Engineer

<https://www.ehgroup.ch>

We are challenging the energy sector with our innovative fuel cell technology to disrupt conventional sources of power - are you the right person to join our dynamic and growing team?

About EH Group Engineering

EHG is developing cutting-edge fuel cell technology for heavy duty mobility and large-scale stationary power applications. Our uniquely redesigned product is a significantly more compact fuel cell with high power density, greater efficiencies and lower costs of production. Faced with the challenges of climate change and the transition to a decentralized energy system, EHG seeks to provide high performance and cost-effective fuel cell solutions to our clients and partners.

To help achieve our vision of a decarbonised future we are seeking a highly talented and motivated Mechanical Engineer with strong background in fuel cells.

Key Responsibilities:

- Development of mechanical activities at the fuel cell systems and products level by applying principles of mechanics, thermodynamics, hydraulics and heat transfer engineering
- Design, implement and validate various solutions for engineering tasks
- Propose new ideas for fuel cell system design and optimisation of components
- Provide technical input in discussions with internal and external stakeholders
- Collaborate with other team members regarding system design, interfaces and functionalities
- Participate in various hands-on activities in the labs
- Liaise with suppliers and procurement of new components and solutions
- Prepare reports on failure mode and analysis, test plans and presentations for internal and external stakeholders

Skills and Experience Required:

- PhD, MSc/BSc level or equivalent in Mechanical or related disciplines
- Knowledge and experience in fuel cell and its applications is mandatory
- At least 2-3 years of previous working experience in the field of fuel cells is mandatory
- In-depth understanding and implements skill of thermodynamic and physics principles
- Ability to work in a fast-paced changing environment with the possibility of changing priorities
- Experience with a 3D CAD software such as SolidWORKS
- Strong communication skills with internal and external customers
- Team player with the ability to function autonomously
- Good understanding of design and risk analysis tools such as FMEA and DFMEA
- Experience with Product Data Management (PDM) system management is a plus
- Excellent spoken and written knowledge in English is mandatory
- Good written and spoken knowledge in French, German or other language is preferable

Start date: Immediately

Please send your CV with a short cover letter to info@ehgroup.ch;

Only candidates selected for interview will be contacted.