



Green Motion SA is a Swiss company that for the last ten years has been pioneering the design and production of charging systems for electric vehicles.

It manufactures charging stations, designs management software for charging networks, operates charging stations and is a service provider for electric mobility.

Green Motion SA operates its own network of charging stations under the “evpass” banner as the most extensive Swiss network and one of the leading European networks. For more information about Green Motion SA go to www.GreenMotionEV.com

To complete our team in Le-Mont-sur Lausanne, we are looking for a :

Power Electronics Engineer

In this role

In our R&D team, you will be the expert regarding our converter to develop & improve our products.

More specifically, your task will be the following:

- Selection of conversion topologies for the application
- Converter electrical and thermal design
- Selection and sizing of electronic and magnetic components
- Definition and implementation of modulation and control strategies
- DSP, microcontroller, FPGA programming

About your profile

- Higher education in power electronics
- Min. 5 years of experience in electrical engineering
- Experience in using software like Matlab, Simulink, Plecs, Simplorer or others
- Experience in prototyping and commissioning
- Good knowledge in material science and / or EMC/EMI guidelines
- Programming knowledge of microcontroller, DSP, C / C ++ programming
- Excellent team spirit and organizational skills

What we offer

- Work in a young, dynamic and highly motivated team for challenging projects
- Be part of great innovative projects in a fast-growing business
- Collaborate in creation of new products (charging systems)
- Work in a small team with plenty of development opportunities

Do you recognize yourself in this profile? Are you up for a new challenge?

We look forward to receiving your application at jobs@greenmotion.ch