aliunid

when energy breathes

aliunid. The energy supply of tomorrow. Digital, decentralized, decarbon. aliunid (all you need) is a digital energy supply company. With real-time data and a 100 % Swiss IoT platform measures, analyses, and aliunid controls the energy flows from the end customer via the transformer to the power plant. The supply system is thus flexible and begins to breathe. A renewable and climate-friendly energy supply becomes possible. aliunid, founded as Startup 2018, is funded by the Swiss Confederation and the European Union. It is developing its products in a national field test together with the leading universities in Switzerland. aliunid AG is supported by around 20 innovative Swiss energy suppliers, hydroelectric power producers, and IT developers. www.aliunid.com

To strengthen our team we offer an

Internship for 6 to 12 month Power System Control (100 %)

Your tasks and responsibilities:

You will help to analyze, aggregate, visualize and finally use the data collected by our aliunid IoT platform for system identification and control purposes. You will contribute to the design and implementation of a digital twin framework that identifies and reacts on critical situations of the electricity grid. In addition, you will develop algorithms for the aliunid solutions, you will carry out system modelling and lay the groundwork for advanced control techniques.

Your background:

You have completed your bachelor or master's in mechanical or electrical engineering and would like to gain experience in the areas of machine learning, control engineering, system modeling, data visualization and data analysis. You speak and write in German and English. Speaking French is a plus.

Digitalization, the Internet of Things, and energy technology fascinate you. You want to be at the forefront of technology and help shaping the future of the energy industry. You enjoy working and learning in an agile start-up with a lot of creative freedom and you bring the necessary motivation, flexibility, mobility, and initiative.

You have already experience in programming (Python, MATLAB) and would like to deepen this knowledge during a 6- to 12-month internship. Knowledge of JavaScript and node is a plus.

Please answer these 3 questions instead of a letter of motivation:

- Why do you want to work in a start-up?
- Why do you think you are a good fit for this position?
- What do you want to learn during your internship?

Are you interested?

We are looking forward to your complete application by email to info@aliunid.com.
Only direct applications will be considered. info@aliunid.com.
For further questions please contact Till Richter, Head Data: till.richter@aliunid.com, www.aliunid.com