

APPLIED MATHEMATICIAN / ANALYTICS DEVELOPER RENEWABLE ENERGY

You are not interested in being just a cog in the wheel and want your work to help solve the climate change crisis? Then HYDROGRID is the place to be!

Our mission at HYDROGRID is to optimally control hydropower plants in real-time through our in-house developed SaaS/IoT solution and thereby make hydro power plants – the cleanest source of renewable energy – even more efficient. With the help of sophisticated machine learning algorithms, our software can accurately align power generation with weather and power market prices in real-time. By doing so, we automate processes, save time, and increase revenues by up to 18% for our clients across Europe. To further support our rapid growth, we are looking for an experienced

Applied Mathematician / Analytical Developer / Data Scientist (m/f)

with strong software development skills for a full-time position in Vienna.

Your Contribution

- You develop models for power plant optimisation and forecasting algorithms (e.g. power market prices or hydrological inflows) by choosing the best type of inputs and modelling approach (e.g. econometrics, parametric, machine learning such as neural networks and deep learning)
- You feel equally comfortable implementing models & algorithms based on state-of-the-art academic literature as well as developing new methods using your understanding about the underlying problem
- You enjoy software development and are interested in taking your models from mathematical methodology and prototyping to production-ready deployment
- You work closely together with a team of top software developers, engineers, and energy industry experts to continuously improve our methodology and develop new ideas and product USPs
- Your methods will be deployed to production software guided by our SCRUM process to optimally control power plants across Europe & beyond, and will help to make a low-carbon economy possible

What we are looking for

- Degree (MSc or higher) in Applied Mathematics, Statistics, Software Engineering, Data Science or similar
- Knowledge of classic forecasting / econometrics / time series modelling methods and/or knowledge of machine learning methods & modelling
- Strong software development skills in at least one programming language (ideally Matlab, R, or Python)
- Good basic understanding of databases (SQL, ...)
- Knowledge or experience of optimization methods (deterministic & stochastic) and/or Big Data Analytics would be a big plus
- Knowledge or interest in power markets and/or renewable energy is also a big plus

What we offer

- Long-term career development opportunities in a growing company
- Work together with the brightest minds in software development and learn mutually from each other to support your further growth
- Flexible work hours & working from home possible
- The flexibility, passion, and flat hierarchy of a scaleup combined with best-practice processes
- Beautiful office centrally located in the 1st district
- Additional goodies like free annual ticket for Wiener Linien, team events, unlimited coffee, tea, and your very own HYDROGRID pen

We offer a competitive salary, starting at €60.000 per year for senior analytical developer with appropriate overpayment based on skills & previous experience.

Our passion-driven team works tirelessly to optimize hydropower and improve the global energy mix towards a future with sustainable power generation. We value creative solution-thinking and open, positive communication and place a very high amount of trust in everyone at HYDROGRID – if you feel that you would fit in well in this environment, we would love to welcome you to our team.

So, if you are interested in making an impact and solving the global energy issue, please send your CV to join@hydrogrid.eu and tell us your motivation to join our pursuit of a renewable energy future!