

We're hiring at our headquarters in Böblingen!

Research Engineer Thermal Modeling (m/f/d)



Your New Career

Are you interested in working in a dynamic environment with high-tech fiber-optic sensor solutions? Would you like to be part of a motivated team, gain professional experience in an international setting, and advance your career? For our AI & Software Solutions team, we are seeking a Research Engineer Dynamic Cable Rating (m/f/d) to join our global team at our headquarters in Böblingen.

Your Responsibility

- You will become an expert in software solutions for real-time high-voltage power cable monitoring.
- You will work closely with the Project Engineering team and develop thermal models for real-time temperature monitoring of critical grid infrastructure within complex projects.
- You will develop physical models and algorithms, verify these through analyses and simulations, and develop extensive software based on Python and C++ as well as Comsol Multiphysics®.
- You will develop and test software for productive use in accordance with industry standards and best practices.

Your Profile

- You have a technical degree, e.g. in computer science, physics, mathematics or electrical engineering.
- Ideally, you have professional experience as a physicist, in the field of software development, electrical power engineering or similar.
- You have good programming skills in Python and/or C++.
- Knowledge of thermal modeling, data science, DevOps or MLOps is an advantage.
- Your work style is analytical, structured and independent.
- You have good communication and presentation skills in German and English.

Our Company

AP Sensing is a fast-growing developer and supplier of fiber-optic sensor technology. At our Böblingen site, we develop and produce measuring devices and software solutions used in infrastructure projects all over the world. Our technology monitors offshore wind farms, numerous sections of the European electricity and pipeline network, important such as the Eurotunnel and hundreds of other facilities. Don't miss this opportunity and become part of our strong and cooperative team!

Our Offer

Learn more about our numerous benefits at:

<https://www.apsensing.com/de/karriere>



Are you ready to play a BIG role in a small team instead of a SMALL role in a big team?

Then you are spot-on with us...

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