

Software Development Engineer

WindSim is seeking to hire a motivated software development engineer to join our latest innovation team targeting the improved resilience and modernization of the world's electricity grid.

WindSim offers wind modelling software and services. Our offers span the entire wind project life cycle from early site identification, energy optimization, site suitability, power forecasting to post construction assessment. We have a proven track record being in the global wind business for more than a decade with customers in all continents.

We have an international R&D team which creates new solutions for the upcoming demands in the industry. New solutions and implementations must be invented, planned and realized for the international market considering the individual requirements in different countries. Computer scientists, Wind Engineers, Meteorologists and Fluid Dynamics Specialist are working together to meet customer requests.

The main product is a wind simulation software to calculate the annual energy production of a wind farm. This software has been further developed in recent years to be used for dynamic line rating (DLR) which calculates the cooling of a transmission line due to wind and radiation. DLR is about to become a large market for WindSim and we want to strengthen our team with a developer which can work together with our partner - the Idaho National Laboratory (INL) - to finalize the solution and then also implement that solution at the customers place and run pilot projects together with our customers. The successful candidate will be seated together with the INL team in Idaho Falls, USA.

Responsibilities:

- Produce high quality software in a timely manner
- Participate and contribute in all aspects of the software development process including design, implementation, documentation, testing, deployment, support and maintenance
- Training and Technical Presentations
- Practice development process leveraging agile methodologies such as Scrum
- Collaborate with the development and business teams to deliver challenging projects and resolve complex issues in development and in technical support of customers
- Establish of excellent customer relationships
- Field Services
- Engineering Studies

Education and professional qualifications:

- BSc or MSc in Computer Engineering, Computer Science, Geoscience or Electrical, Mechanical Engineering fields
- Experienced in multiple programming languages – ideal candidate will have familiarity with all and depth in at least one of the following languages C #, Java and/or Fortran

- Experience in development and testing of software in a product and service driven company.
- Willingness to travel in support of business opportunity and customer support.
- Ideal candidate will have experience with electric utilities and familiarity of with transmission of electricity:
 - Knowledge of SCADA and electric utility IT and OT networks
 - Designed/installed SCADA systems in substations. Worked with various SCADA related devices, created HMI's and setup Ethernet network systems to protect the substation SCADA systems
 - Technical Support of Overhead Transmission Products for Utility Customers

Personal qualifications:

- Self-motivated and self-driven towards the overall teams success
- Customer satisfaction oriented
- Well-structured and quality focused attitude
- Be a positive contributor to a smaller dynamic product development company

WindSim offers:

- An exciting position working with an innovative international team.
- Competitive salary and benefits.

Applications should be send to Donna Rennemo, President WindSim Americas:
donna.rennemo@windsim.com

If you have any questions, please contact Donna Rennemo: +1 805 216 0785