

**Company Overview:**

REsurety is a mission-driven and venture-backed organization focused on solving the challenge of resource intermittency for renewable energy. We work in partnership with some of the world's leading energy and risk market players to enable renewable energy buyers and sellers to understand and manage the fuel risk of the future: the weather. Having supported over 6,000 MW of renewable energy transactions to date, we are a small team with a big impact! Our culture is open and collaborative. We expect excellence from our team members and reward it with high ownership and flexibility. If you're a high-achiever with a passion for clean energy, then we look forward to receiving your application.

**Company Values & Principles:**

At REsurety, we value the skills of execution, creativity & ownership, commercial focus, and teamwork, and we help and encourage all team members to develop these skills while at REsurety.

Our values also shape our culture and act as the foundation for our principles. Like all great companies, we strive to hire the best and are committed to building a diverse, inclusive company where team members feel engaged, valued, and supported. What is special about REsurety, though, is how much we:

- Share information openly, broadly, and deliberately with each other;
- Encourage ownership by all team members;
- Provide continuous, constructive feedback; and
- Empower all team members to bring their full, authentic self to work.

**Position Overview:**

At REsurety, we are focusing on building the analytics engine of the US clean energy economy. In this position, you will architect software systems on the cutting edge of scalable technologies, serving internal and external customers. You will collaborate with our research and product teams to characterize risk and support the development of renewable energy worldwide. We are open to this being a remote position.

**Key Responsibilities:**

- Write efficient code to analyze decades of time-series data
- Design interfaces that connect modular subsystems across functional teams
- Build and own applications end to end
- Help define a technical roadmap with the product team

- Work effectively with the research team to improve the accuracy and efficiency of REsurety's in-house meteorological and price forecast models

**Required Experience & Qualifications:**

- Proficiency with the R language (preferred) or Python+pandas
- Experience developing software in a professional environment
- Understanding of SQL query and schema design

**Preferred Qualifications:**

- Proven results with R's package development, S3/R6 object-oriented programming, roxygen documentation, testthat unit testing, and data.table frameworks
- Experience with git
- Familiarity with agile development methodologies
- Experience working with relational databases (Postgresql, Snowflake)
- Exposure to meteorological, wind/solar operations, and energy market data
- Background in data science (machine learning models, advanced statistics, regression forecasting, conditional probability)

**Details:**

- Location: Boston, MA / remote

**Benefits:**

- Unlimited Paid Time Off Policy & Flexible Working Hours
- Medical Insurance
- Dental Benefits
- Health Savings Account (HSA)
- 401(k)
- Stock Options
- 12 Weeks Paid Parental Leave
- Fitness Reimbursement
- Blue Bikes Gold Membership
- Pre-Tax Transportation Deduction
- Professional Development Stipend