Our company is growing rapidly and is looking to fill the role of scientist machine learning. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

Responsibilities for scientist machine learning

- Research and develop advances to core AI/Machine Learning algorithms
- Act as a point of contact and machine learning leader for the business
- You can articulate and understand a business problem, identify the key challenges, formulate the machine learning problem and provide/prototype solutions
- Develop AI/machine learning solutions targeted towards disruptive opportunities for LG business, based on perception, computer vision, speech, audio, cyber physical systems
- Develop algorithms related to pricing and costs
- Develop models and algorithms to learn the recommended size of heating and air conditioning systems based on Postgres database containing house orientation, age, wall-to-area ratios, location, and other characteristics
- Work with outsourced e-commerce developers and in-house application developers to utilize derived algorithms
- Responsibilities will center on developing innovative technologies and exploring their application to a range of real-world problems
- Scout for new technologies by visiting conferences, universities, vendors and monitor the literature and Internet sources
- Explore, experiment and pilot in internal concept creation projects

Qualifications for scientist machine learning

- Strong implementation skills in Java, C++ (or other high-level programming language) Python or similar scripting languages
- Masters or PhD degree in Applied Mathematics, Physics, Software Engineering, Computer Engineering, Electrical Engineering, Mechatronics/Systems Engineering, Engineering Physics, Econometrics, Financial Engineering, Financial Risk Management, or equivalent
- If holding a Graduate Degree in Econometrics, or quantitate Financial domain then Bachelor's Degree in Physics or the above mentioned Engineering disciplines is required
- 3+ years proven experience as a data scientist, machine learning engineer or equivalent experience
- High power (utility scale) bi-directional converter knowledge
- PV and Grid Tie Energy Storage system architecture / application knowledge