

Sr Advanced R&D Engineer/Scientist

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Innovate to solve the world's most important challenges

The future is what you make it. When you join Honeywell, you become a member of our global team of thinkers, innovators, dreamers and doers who make the things that make the future. That means changing the way we fly, fueling jets in an eco-friendly way, keeping buildings smart and safe and even making it possible to breathe on Mars. Working at Honeywell isn't just about developing cool things. That's why all of our employees enjoy access to dynamic career opportunities across different fields and industries. Are you ready to help us make the future?

Contribute to team that applies its expertise and knowledge to engineering, research and development projects focused on the development, testing, and deployment of an innovative electrochemical technology enabling large-scale production of an energy storage solution. You will initiate new product concepts and ideas and work collaboratively within a multidisciplinary team and will participate in the complete development life cycle and analyze current R&D programs including performance, diagnosis and troubleshooting of issues to provide solutions.

Key Responsibilities:

Conceptualize and implement novel concepts for electrochemically enabled R&D programs
Develop new and improved analysis methods to support both existing and potential future

products.

Apply your knowledge of design principles and engineering techniques to development efforts

Thrive in a fast paced, entrepreneurial environment with rapidly changing priorities that require quick adaptation

YOU MUST HAVE

- Bachelor's Degree in Chemistry or Chemical Engineering and a minimum of 10 years' experience working with energy storage solutions

OR

- A Ph.D. in Chemistry or Chemical Engineering and a minimum of 3 years' experience working with energy storage solutions

WE VALUE

- Practical experience with flow battery construction, flow cell/stack design at various scales
- Experience with Battery Management Systems and algorithm development
- Data regression
- Depth of knowledge in electrochemistry fundamentals
- Prior experience producing coin and/or pouch cells at research scale
- Industrial design talent
- Global mindset, cross cultural agility and resourcefulness
- Willingness to learn new technologies

- Demonstrated ability to work in a team environment
- Eagerness to get involved in hands-on work
- Creativity
- Additional experience in electrochemistry or energy storage related fields
- Excellent project management and prioritization skills
- Technology development and converting needs into a solution

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[Engineer-Scientist](#)