



AYRTON
ENERGY

Materials Engineer or Chemist

Calgary, Alberta

Ayrton Energy's vision is to provide affordable, off-grid energy security via clean, safe and scalable storage technologies. Ayrton is looking for an electrochemist or electrochemical engineer with experience in catalyst and/or membrane development to join our team. As part of a fast-growing startup, the scientist or engineer in this role can anticipate a large variety of changing role responsibilities as the team grows, from wet lab experimentation to project/lab management and development. There are no set career paths at Ayrton.

You will love this job if:

- You are excited to work at an early-stage startup
- You are organized and like creating structure for others to follow
- You enjoy working in cross-functional teams and feel comfortable sharing your ideas

Your Responsibilities:

- Research and development of electrochemical catalyst systems
- Preparation of nanomaterials, fabrication of catalyst coated electrodes and electrochemical testing for evaluation of catalytic activity
- Project planning, tracking and reporting
- Management of laboratory chemical and equipment inventory
- Development of standard operating procedures
- Assisting with the writing of documents including white papers, manuscripts and intellectual property

Your Skills and Experience:

- Graduate level degree in chemistry, physics or engineering with experience in electrochemical material research and development
- Interested in growing into new roles as part of an evolving start-up
- Passionate about innovation, self-motivated and keen to learn
- Organized and able to work on several projects concurrently
- Experience developing process and/or synthetic protocols
- Experience with fuel cell or electrolyzer development would be an asset

At Ayrton We Value:

- Honesty and Candor – We are solving hard problems and look for diverse thought – challenging leadership is encouraged.
- Be Kind – We are a team. Win together, lose together, learn together

Benefits:

- Compensation in the form of salary and equity
- Generous vacation policy, including half days before a statutory holiday (start your long weekends early!)
- Health and dental benefits
- Potential to grow into a leadership role

We're looking for a full-time, long-term employee and we'll hire as soon as we meet the right person.

Ayrton is an equal opportunity employer that values equity, diversity and inclusion within our team. As a women-led venture, our company strives to provide a supportive atmosphere for under-represented individuals in business and STEM fields, including a focus on work-life balance and employee mental health.

How to apply:

Please send a cover letter and resume to jobs@ayrtonenergy.com and use Job Application –Materials in the subject line.