

Job Posting: Full-Time Research & Field Support Engineer



As a leading provider of aerodynamic sensor technology in sport applications, our focus is on developing, designing and supporting superior products.

Are you a mechanical/mechatronics engineer who has a passion for health and sport? Do you have experience with prototype electromechanical sensor systems, integration, and experimental testing? Would you like to take on a lead role in the development and expansion of a new technology start-up? If you said yes to any of these, AeroLab Technology would love to hear from you!

Responsibilities

We are looking for a full-time Research & Field Support Engineer who is interested in being part of a start-up company in a fast-paced environment in Calgary, AB. In this role, you will hold responsibility developing experimental test platforms (environmental chamber, wind tunnel testing) for sensor calibration, experimentally field testing our proprietary sensor technology, developing and refining our test protocols, and implementing new technology through prototyping.

- Prototype multi-sensor system development and testing
- Serve as lead research and field support engineer
- Lead of research and development for new projects
- Develop and maintain validation test protocols
- Perform on site testing for Engineers, Elite Coaches, Elite Fitters

Qualified candidates for this role will possess a Bachelor of Science in Mechanical, Mechatronics, or Aerospace Engineering, from a four-year college or university, a cumulative minimum 3.0 GPA and a minimum of 2 years relevant experience. Completion of a Master's level degree in a related field is considered an asset.

Preferred Qualifications Include

- Experience with Python, C++, C, and Matlab programming languages.
- Familiarity with sensor communication protocols and experience in prototyping with Arduino or other similar platforms.
- Experience in the integration of multi-sensor systems.
- Aerodynamics, experimental wind tunnel testing, and computational fluid dynamics expertise is considered an asset.

Starting base salary is expected to be commensurate with qualifications.

Send to Info@AeroLab.Tech

AeroLab Technology is an equal opportunity employer. Qualified applicants will receive consideration for employment without regard to race, religion, color, national origin, citizenship, sex, sexual orientation, gender identity, veteran's status, age or disability