Advanced Technology Scientist/Engineer

October 2026



ZeroMag

About C-Motive

C-Motive is a startup based in Middleton, Wisconsin, developing electrostatic motors designed to improve performance and energy efficiency. Our ZeroMag™ motors eliminate the need for magnets and rare-earth materials, offering an alternative to traditional motor technology. With electric motors accounting for nearly half of global electricity consumption, C-Motive aims to make a meaningful impact on energy use worldwide.

At C-Motive, we believe achieving this mission starts with building a strong team and a supportive company culture. We bring together talented, motivated people who are empowered to contribute ideas, take on challenges, and help move the company forward.

Advanced Technology Scientist/Engineer

C-Motive is seeking a scientist or engineer with strong skills in both theory and the application of electromechanical systems engineering. This role will work within the Advanced Technology team to support cross-disciplinary product development efforts, develop internal models and tools, analyze existing and future product designs, and innovate next-generation product concepts.

This individual will work hand-in-hand with product development teams to quickly and collaboratively advance select, highly technical projects. Prior start-up company experience is a strong plus but is not required. The ideal candidate will have strong skills across the domains of math, systems modeling, electrical systems, mechanical systems, control systems, and/or Finite Element Analysis. Programming and/or scripting experience is also a strong plus.

What You Will Do

- Develop and refine models of mechanical, electrical and/or electromechanical systems and subsystems within current and potential future motor & drive products.
- Utilize models to identify current and future performance-limiting aspects of current products across technological domains.
- Acquire experimental data for model development.
- Contribute to core technology innovation and invention.
- Investigate and de-risk new technologies for future application within product development groups.

Qualifications

- Strong understanding of statics and dynamics within electrical, mechanical and electromechanical domains.
- Advanced degree (MS or PhD) in electrical engineering, mechanical engineering, systems engineering, physics, applied math, control systems, or a similar field.
- Hands-on experience in laboratory, product development and/or manufacturing environments. Knowledge/experience setting up electromechanical equipment is a plus.
- Talent for dissecting complex problems and systems into their relevant constituent components.
- Self-starter with track record of self-directed study.
  Scripting, programming and FEA experience are strong pluses.
- Familiarity with types of electric motors and/or drive systems is beneficial but not required.

C-Motive is committed to equitable compensation, and we offer a generous benefits package to make sure you have the support you need. We offer a take-what-you-need paid time off program and every employee, regardless of gender identity or expression, is eligible for paid parental bonding leave. We have implemented a 401k program and all employees are granted stock options with typical vesting periods.
We are committed to creating an inclusive environment for all our employees and are seeking to build a team that reflects the diversity of the people we hope to serve with our revolutionary products. C-Motive is proud to be an equal opportunity employer.

To learn more about C-Motive, our team, and our company culture, please visit:
c-motive.com/about/mission-vision-and-values

Apply for this position here:
https://airtable.com/appXfN4AsYyzJUR85/shrlSC7aaVfhJrTf0