



## Czero, Inc.

### Job Opening – Controls Engineering Intern

**Posting#: 2018-010**

---

**Date of posting:** October 11, 2018

**Location:** Fort Collins, Colorado 80524

*\*\*\*Please note: Must live within commuting distance of Fort Collins\*\*\**

**Time commitment:** 15 hours per week during school year and Full Time over the summer

**Travel requirements:** Limited and occasional travel for onsite work with clients or suppliers

**Reporting structure:** Reports to Lead Controls Engineer

---

#### **JOB DESCRIPTION**

Czero is looking for motivated and hardworking engineering students to intern with us during the school year and during the summer. We are looking for mechanical or electrical engineering students who enjoy working with mechanical and electrical hardware as well as writing code. The successful candidates will work closely alongside our controls engineers to create controls solutions for our customers. Czero has a wide variety of projects, so we are looking for a well-rounded EE or ME student with strong course work and demonstrated application.

At Czero, you'll work on a wide variety of projects, for companies large and small, innovating new, and developing existing, mechanical, electromechanical, and electrohydraulic systems and subsystems. Czero specializes in engineering, design and development of first and second stage prototype systems in a variety of fields ranging from automotive powertrain innovations to new systems for efficient energy storage and conversion.

More information can be found on our website at <http://czero-solutions.com/>.

#### **Representative tasks**

- Create control systems
- Test control systems
- Data collection, data processing, and DAC system development
- Electronics and mechanical work

#### **QUALIFICATIONS**

##### **Education**

- Junior in Electrical or Mechanical Engineering (for 2018-19 school year) preferred

## Beneficial Experience

- Experience with Matlab/Simulink
- Experience with dSPACE
- Experience with LabView
- Thorough knowledge of programming concepts
- Ability to solder, layout electrical panels, and wire sensors and actuators
- Desire to work on a variety of challenging controls problems

## Essential for this position

- Strong verbal and written communication and interpersonal skills
- A passionate interest, shared with everyone on the Czero team, in developing profitable innovations that make a positive global impact
- Commitment to Czero's goals and a desire for continuous improvement

## Residency requirements

- Must be U.S. citizen

## The right fit for our team

Beyond technical ability, we're looking for engineering students who are smart, creative, innovative, hardworking, able to handle multiple projects at a time, and tenacious when it comes to a tough challenge. Everyone at Czero enjoys the challenge of tackling hard problems and is willing to put in the time and effort to solve them. Additionally, we have a true team environment, so it's crucial that you can collaborate effectively with diverse team members.

If you join our 2018 intern cohort, you will find Czero an interesting, challenging, and rewarding place to work. Your contributions will make a significant impact on high-profile projects that are positive for our clients, the environment and the economy.

## HOW TO APPLY

Please email a PDF of your cover letter and résumé to [lyle.shuey@czero-solutions.com](mailto:lyle.shuey@czero-solutions.com)

## ABOUT CZERO

An established, fast-growing mechanical engineering firm located in Fort Collins, Colorado, Czero specializes in early-stage R&D in the areas of automotive, commercial vehicles, defense, oil and gas, and clean technologies. Our team takes on wide-ranging engineering challenges for both private and public-sector clients, developing new technologies and delivering high-quality proof-of-concept prototype systems. We are passionate about the environment, and our work centers on scalable, cost-effective solutions to increase energy efficiency, improve energy storage and decrease harmful emissions.

**RECRUITERS - Please do not contact us regarding this or other positions at Czero; we already have an established relationship with a great recruiting team. Thanks!**