

Electrical Engineer



Full job description

RedZone Robotics provides wastewater asset management solutions, using clear and concise data to guide asset managers in critical infrastructure decisions. We understand the cost of infrastructure failures and shepherd leaders in the processes that protect their communities with the most efficient and economical solutions. RedZone Robotics believes that what lies underground directly affects the communities that live above. Our process, from inspection to data delivery, is guided by the belief we all deserve a safe place to live, work, play, and grow old. Learn more about us at www.redzone.com.

Robotics is seeking an Electrical Engineer for an exciting new program in wastewater system assessment. We are looking for a talented Electrical Engineer who wants to make a significant impact in supporting, developing, and deploying bleeding-edge assessment technology. We are looking for a dynamic Electrical Engineer who will be responsible for design, implementation, and support of complex industrial electrical systems/robots.

The successful candidate will evidence a passion for delivering adaptive and creative solutions to industry-specific challenges by staying up to date with best practices and emerging trends in electrical/electronic design. This individual will thrive in an environment that requires strong problem-solving skills and independent self-direction, coupled with an aptitude for team collaboration and open communication. The ideal candidate will be able to advocate for system improvements to company leadership and work closely with the Engineering teams to address issues before they reach our valued customers. They will also have experience in a fast-paced and innovative environment where needs and requirements can change rapidly.

Duties and Responsibilities include:

- Designing, maintaining, implementing, improving electrical components, equipment products or systems for RedZone specific applications.
- Performing a wide range of engineering tasks by operating computer-assigned design.
- Ensuring that installation and operations conform to standards and customer requirements by preparing electrical system specifications, technical drawings or topographical maps.
- Help to establish and implement standards and specifications.
- Maintaining electrical equipment.
- Working with a variety of technicians on a day-to-day basis.
- Perform other duties as assigned.

Skills and Competencies:

- Knowledge of electrical power applications is a plus.
- Knowledge of CAD or related software.
- PCB design
- Soldering
- Exposure to electrical engineering design principals and methodologies.
- Experience in design, repair, and analysis of electronic systems.



- Strong communication skills (written and verbal), ability to deliver message concisely and effectively
- Strong propensity to listen and ask the right questions of customers and the organization.
- Ability to build and maintain interpersonal relationships, and influence at all levels of an organization. Developing constructive and cooperative working relationships with others and maintaining them over time. Proactively reach outside the primary area of responsibility to solve conflicts or issues.
- Capability to partner with company's leaders to understand & drive overall cross-functional and business needs.
- Learn quickly, adapt easily to changing technology/circumstances, and apply change management skills appropriately.
- The ability to tell when something is wrong or is likely to go wrong.
- Analyzing information and evaluating results to choose the best solution and solve problems.
- Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts.
- Ability to thrive in a cross-functional agile team.
- Self-motivated and pro-active.
- Demonstrated creative and critical thinking capabilities.

Education and Qualifications:

- Bachelor's degree, with a major in Electrical Engineering or related field of study required
- 7+ years' experience required
- AC, DC, PCB Design and Maintenance
- Ability to travel up to 10% or as needed

EQUAL EMPLOYMENT OPPORTUNITY

It is the policy of RedZone Robotics, Inc. to provide equal employment and advancement opportunities to all individuals and to administer its personnel practices based on merit, qualifications, and abilities. RedZone will maintain an environment free of discrimination or harassment on the basis of actual or perceived race, color, national origin, religion, sex, sexual and reproductive health decision-making, age, actual or perceived physical or mental disability, genetic information, marital status, sexual orientation, gender (including gender identity or expression and/or the status of being transgender), military or veteran status, citizenship status, status as a victim of domestic violence, stalking, or sex offense, caregiver status, arrest or conviction record, credit history, unemployment status, or any other unlawful criterion or circumstance. RedZone prohibits and will not tolerate any such discrimination or harassment, or retaliation in response to good faith reports or the provision of information about such discrimination or harassment.

Job Type: Full-time

Benefits:

- 401(k)
- 401(k) matching
- Dental insurance
- Employee assistance program
- Flexible schedule
- Health insurance
- Health savings account



- Life insurance
- Paid time off
- Professional development assistance
- Referral program
- Vision insurance

Schedule:

- 12-hour shift
- 8-hour shift
- Day shift
- Monday to Friday

Education:

- Bachelor's (Required)

Experience:

- CAD: 2 years (Required)
- PCB: 5 years (Required)

Work Location: In person

If you require alternative methods of application or screening, you must approach the employer directly to request this as Indeed is not responsible for the employer's application process.

