

## Position Description



### Electric Vehicle Electrical Engineer (Riverside, MO)

Join and help build [Orange EV](#), a fast-growing manufacturer that's become an industry leader, building industrial-strength electric vehicles that are better for the earth, people and bottom line. Recognized by the Kansas City Business Journal's Biggest Impact Award, Orange EV has a several year lead for the first commercially available electric truck of its type and class. Orange EV's T-Series pure-electric terminal truck (aka hostler, spotter, yard tractor, etc.) does the same job as diesels while eliminating the diesel fuel and emissions. As Orange EV grows, early team members will be favorably positioned to grow into higher levels of responsibility.

Orange EV is searching for an exceptional **Electrical Engineer** for our Engineering Team in Riverside, MO.

### Position Summary

- Work in a team setting to develop and refine the electrical system designs for electric vehicles of on- road and off-road Class 8 trucks including charging systems, high voltage and low voltage DC systems, motor evaluation, controller evaluation, and other components.
- Create and maintain 3D models and 2D drawings in Autodesk Inventor / and electrical for electric vehicles including harnesses, circuit boards, schematics, etc.
- Support the production and field service teams answering questions in a fast-paced environment.
- Organize CAD models in Autodesk.
- Organize parts into BOMs (Bill of Materials) for production trucks.
- Create designs for new and existing products.

### Important Experience / Skills

- Electrical Engineer with 1-3 years' experience in mobile and electric vehicle HV and LV design.
- 1-3 years' experience with Autodesk Inventor or Solidworks, and / or Autodesk Electrical.
- Previous experience in automotive CAD work.
- Strong electrical aptitude with the ability to embrace new technologies and ideas.
- Superior organizational skills with strong written and verbal communications skills.
- Enthusiastic about joining and helping build a young company; willingness to "do what it takes" to support our customers.
- Key Traits: Positive can-do attitude, team oriented, leadership, initiative, maturity, a deep concern for the environment and using your unique capabilities to make a difference, dedication and punctuality.
- Education/Experience: BSEE from an Accredited University

### Ideal Candidates May Also Have

- Experience with software development including architecture set up, testing, and documentation processes.
- Experience in the heavy duty truck market.
- Understanding and experience with Inventor Server setup/specifications, and Inventor Vault Program.

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### Compensation & Benefits

- Full-time salary position – compensation commensurate with experience.
- Health, dental and vision insurance offered with allowance.
- 2 weeks paid vacation per year plus holidays.

### Applicant Instructions

We appreciate your suggestions or referrals to professionals who may have an interest in this outstanding opportunity. Please direct all inquiries and resumes to: [careers@orangeev.com](mailto:careers@orangeev.com)