



*Looking for superheroes to protect our planet against the threats of climate change.*

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## **Electrical Systems Engineer** **Fremont, CA (On-site)**

As governments and businesses transition to electric vehicles, our centuries-old electricity grid will struggle to keep up with the demand from these new energy consumers. ElectricFish is building and deploying **battery-integrated EV chargers at gas stations** to support the transportation sector's transition to EVs without compromising the grid's resilience.

Our patented, grid-friendly technology uses software optimization to deliver ultrafast EV charging (up to 100 miles of range in 5 minutes) without requiring grid upgrades, and provide backup power to utilities when they become overwhelmed.

We're a fast-growing, mission-oriented team preparing for our first pilot in Los Angeles County this winter.

### **Where You Come In**

We want an experienced systems engineer to support the pilot build and testing of our electrical systems design and assembly. Work involves working with embedded controllers, design and optimization of circuits, and testing of electrical and control framework of overall architecture.

### **Duties include**

- Building a complete electrical schematic of the high power system including sensors, control circuits, and safety systems.
- Physically assemble, test, and safety demonstrate transmission of power.
- Experience working with high voltage, current sensors- at upwards of 350kW - 1000V- 800amps,

### **Probable Qualifications**

- Diploma or BS in electrical engg, experience in electricity distribution, local microgrid operation.
- Hands-on experience with working with electrical design tools like Autocad, Cadence.
- Anyone with level 3 ev charging experience- design, maintenance, manufacturing and installation.
- Working knowledge of mechatronics systems, classical / modern control theories.

### **Next Steps**

Send your resume to [hr@electricfish.co](mailto:hr@electricfish.co)

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ElectricFish is committed to equal treatment for all individuals and does not discriminate on the basis of race, color, gender, disability, age, religion, sexual orientation, or national or ethnic origin. We further encourage people of color, members of LGBTQ community, and individuals with disabilities to apply for this role.

**the energy we deserve.**

@EnergyFish Energy, Inc.