



TESLA MOTORS

Electromechanical Engineering Summer Internship

We are a dynamic young company based in San Carlos, CA that is making Advanced Electric Vehicles, Batteries, and Drive Systems a reality. **We are seeking excellent, hands-on, summer interns to assist in the Powertrain Engineering Group with one or more of our initiatives.** The engineering teams within the powertrain group are responsible for design, development, validation testing, and manufacture of the Tesla EV powertrain. Specific task assignments for those who join us will depend on the needs of particular teams and aptitudes of individual candidates but generally will include:

- Electromechanical hands-on assembly of prototype hardware, test equipment, or manufacturing equipment.
- Mechanical wrenching, basic fabrication, machining, wiring, general electronics, debugging, parts chasing.
- Execute mechanical or electrical tests, collect data via metrology/DAQ, document findings, and present results in formal reports (MS Office).
- Write code for data analysis, test automation, etc (Labview, Matlab).
- Model components and assemblies in 3D CAD and create 2D prints (SolidWorks, CATIA V5).

Required personal attributes: **You must be resourceful, diligent, organized, fastidious, and self managed.**

We need to fill this position immediately. Please e-mail a resume and succinct portfolio of project accomplishments (work, school, or hobby) that illustrate your aptitudes and interests.

Please submit resume and portfolio to:

erik@teslamotors.com