



Canadian Electric Vehicles (canEV) is a Vancouver Island based manufacturer of electric work trucks and electric powertrain products. We are looking for enthusiastic people of all experience and education levels to join our growing company for the following positions:

- **Mechanical Engineer or Technologist**
- **Mechatronic Engineer or Technologist**

We have open opportunities for both experienced Engineers and Technologists as well as entry level. We are not expecting a single candidate to cover all aspects of this job description. If you are entry level and interested, please read on to see if our opportunities are right for you. If you are experienced, tell us what challenges you are looking for next. We have a mix of R&D projects, custom projects and serial production. You can be hands on with your projects from concept to completion at canEV.

We want to talk with people looking for long-term careers in manufacturing and electric vehicles. We are willing to train the right candidate. You must have a mechanical or electrical interest with some hands-on experience. That experience does not need to be work related and can be personal hobbies and interests. Your abilities do not have to be automotive, but you must be interested and show that you are a take it apart to see how it works kind of person. Bonus points if you can show you have put it back together and it works.

Please provide details on your resume of any type of hobbies, special interests, or projects as our type of work requires a wide variety of skills. We are looking for people who like "hands-on" work on cars, bikes, boats, ATVs, steam engines, airplanes or anything mechanical. We are looking for those that build computers, 3D printers, robots, integrate Arduinos or Raspberry Pi's, install car stereos or work with anything electrical or electronic.

The jobs we have are not factory assembly line type of work. We are a low volume manufacturer with a small team. Candidates must be versatile and flexible in the day-to-day work. We build a lot of customized products so there are many times that creativity is needed to conceive and execute solutions to problems as a team.

Typical Design Tasks:

- Design mechanical components, assemblies, and mechanisms
- Design weldments in aluminum and steel

- Design machined parts in aluminum and steel
- Design analog circuits, component enclosures and harnesses

Production Support Tasks:

- Design cabs and chassis for electric trucks
- Design pickup boxes and cargo vans for electric trucks
- Design installation of dash displays, chargers, controllers, and other electronic systems
- Use software tools to configure controllers, chargers, battery management systems
- Design parts and assemblies of electric towing machines
- Assemble prototypes of components using hand tools and power tools
- Assemble prototypes of automotive wiring assemblies and harnesses
- Fabricate parts using bandsaw, drill press and grinder/sander
- Accurately measure, layout to cut parts and drill hole patterns
- Grind, file or sand parts as required to fit and ready for paint

Skills:

- Must be able to create and work with detailed drawings and diagrams
- Must be able to work with hand tools and work in shop environment
- Experience with Solidworks is a substantial asset
- Ability to read and speak Chinese is a substantial asset
- Experience soldering and crimping terminals is an asset
- Experience fabricating parts from metal and plastic is an asset
- Must be able to use measurement and layout tools (tape measure, combination square, caliper, scribe and center punch)
- Must be able to maintain quality of finished products
- Must be careful in handling parts to maintain a “new” finish

Please email a resume and cover letter to apply@canev.com. For more information on our company visit **canev.com**.

Job Types: Full-time

Salary: \$40,000.00-\$85,000.00 per year