



Position: Mechanical Designer
Location: Ayr, Ontario (Near Cambridge, Kitchener/Waterloo)
Hours of Work: Monday to Thursday 8:00AM-4:30PM; Friday 8:00AM-2:00PM

Bend All Automotive ULC (BAA) is a leading supplier of Automotive Components and Automation Tooling Equipment. BAA supports customers worldwide with leading technology through product design, prototyping, product validation, tool building and a flexible streamlined manufacturing process. Our expertise is not limited to standard forming techniques, but entails the utilization of synchronized manufacturing systems that provide our customers with cost effective and mistake proof solutions.

We are recruiting for a Mechanical Designer at our Automation & Tooling Centre:

Primary responsibilities:

- Designs automated machinery and tooling for metal forming applications using Solidworks
- Determines process and methods required for material design (speeds, horsepower, temperature, pressure, force) as related to machine and tool designs
- Responsible for reviewing drawings to ensure manufacturability (material selection, proper machining techniques, finishes, hardness)
- Liaison with electrical designers to define and review electrical specifications
- Participates in APQP meetings, providing technical specifications to teams to ensure timeliness
- Analyzes and evaluates internal and external fabrication for manufacturability and cost
- Provides specifications and quotations for purchased and manufactured parts
- Creates and maintains drawings and documentation to be utilized for manuals and lessons learned

Qualifications Required:

- University Degree in Mechanical Engineering
- Minimum of 1 years' experience in mechanical design within a custom machine shop environment
- Competent in 3D CAD design software (Solidworks)
- Solid understanding of materials and manufacturing processes (metal forming, robotics, automation)
- Practical knowledge of GD&T with the capacity to communicate requirements
- Theoretical understanding of electrical devices and servo systems
- Ability to converse fluently in Italian preferred

Please email a resume to: careers@bend-all.com quoting job title in the subject line.

We thank all candidates for their interest; however, only those we wish to interview will be contacted.

Bend All is committed to promoting accessibility for Ontarians with disabilities and complying with the *Accessibility for Ontarians with Disabilities Act*, and makes accommodations available for applicants with disabilities in its recruitment processes. When an applicant for employment is chosen to participate in an assessment and/or the selection process, reasonable accommodations are available upon request in relation to the materials or processes to be used.