



Position: R&D Product Engineer
Location: Ayr, Ontario (Near Cambridge, Kitchener/Waterloo)
Hours of Work: Monday to Thursday 8:00AM-4:30PM; Friday 8:00AM-2:00PM
Benefits: Comprehensive Health and Dental, Pension Plan, Course Reimbursement Program and many others.

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. Bend All Automotive currently employs over 1,200 team members and operates 4 facilities.

We are currently seeking an eager, dedicated and goal-oriented R&D Product Engineer to join our Product Engineering & Research team.

Primary responsibilities/accountabilities:

- Assist Product Managers and Prototype Department on day to day build activities and provide technical support to tooling/gauge builds
- Conduct product development research and testing using knowledge of thermodynamics & fluid mechanics
- Research the feasibility, design, operation & performance of mechanisms, components, systems
- Design and development tooling for use in manufacturing and prototype environments
- Set up and lead cross functional feasibility meetings as needed and applicable
- Interface with manufacturing locations and current/prospective US Automotive Customers and Suppliers
- Apply knowledge of designing and GD & T, NX and SolidWorks in order to create concept sketches and initial drawings of new products; as well as update and modify math data/models
- Identify opportunities for growth and product development through research, testing, trials and studies
- Coordination of engineering print review to ensure the latest releases are available
- Creation of engineering drawings and change documentation (EN's) for review for newly released prints to production as needed and applicable

- Complete development of, up to and including the prototype stage, of various assigned components, including RFQ, assigning Tooling Development numbers, and first-off and capability studies
- Assist with other project related activities as assigned

Qualifications (education & skills required):

- Post-secondary education in Mechanical, Manufacturing, or Materials Engineering
- 1-3 years of relevant experience
- Manufacturing experience, preferably within the automotive industry is an asset
- In-depth knowledge of metal cold-forming
- Ability to assess manufacturability of current and new components
- Knowledge of thermodynamics and fluid mechanics
- Ability to analyze blueprint specifications using GD & T
- Basic knowledge of CAD systems, preferably SolidWorks and NX an asset
- Excellent analytical skills with a strong sense of urgency
- Effective verbal and written communication skills
- Capable of working in a high-pressure environment

We look forward to meeting qualified candidates for this opportunity and encourage those who are interested to submit a resume, outlining salary expectations to careers@bend-all.com

We thank all candidates for their interest; however, only those selected for an 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.