

BOLLINGER MOTORS

Studio Engineer

Bollinger Motors is looking for a Studio Engineer to work in the Design Studio with our rapidly growing team of talented Automotive Designers. The Studio Engineer should be highly adept in CAD software, translating 2D sketches into quick 3D models for evaluation and rendering. The work is also highly detail-oriented, including Class A surface development, and package feasibility studies. This position requires someone flexible, creative, and quick-thinking as they work as the liaison between design and engineering. Excellent communication skills, attention to detail, and an eagerness to try new things are all necessary in our young, rapidly growing company.

Essential Duties & Responsibilities

- Provide guidance to Design and Engineering on interior and exterior feasibility.
- Have a deep appreciation for the importance of design aesthetics and how they relate to human factors and vehicle packaging.
- Have a good understanding of automotive component packaging requirements across all departments, including Drivetrain, Battery, Interior, Exterior etc.
- Provide guidance to Design on dynamic systems, such as glass drop, closures sweeps, wheel travel, and their effect on associated geometry, cutlines and craftsmanship.
- Experience with closures, sealing strategies and NVH is preferred.
- Identify manufacturing strategies that enable design vision, as well as advise Design on considerations required for common automotive manufacturing processes.
- Utilize CAD (Catia V6, Solidworks or Autodesk Alias) to review, create and organize information from and for Design and Engineering.
- This position will be primarily working in the Design office with designers and product development specialists.
- Advise on homologation requirements for both ECE and FMVSS standards, including but not limited to Lighting, Vision, Exterior Projections, Safety, HMI, Packaging.
- Occupant Packaging including basics of ergonomics, such as reach, comfort clearances, visual obscuration, direct and indirect vision, ingress/egress, cargo requirements, and loading.
- Knowledge of packages such as RAMSIS or OPTIS are a plus.

Education, Skills and Knowledge

- 4 Years Design Studio experience at an OEM
- 4 Years relevant Automotive experience
- Highly proficient in Catia V5 (Catia V6 and Solidworks is a plus)
- Great knowledge of automotive landscape, particularly as it pertains to electric vehicles.
- Speed and flexibility are the two most desired qualities for this position.

Email resume to careers@bollingermotors.com

ALL APPLICANTS MUST BE AUTHORIZED TO WORK IN THE UNITED STATES

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