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### **Model Maker**

Archetype3D is looking for experienced professional architectural model makers to join our small team. We are open to both full and part time employment, possibly even internship opportunities.

We have a really great facility here in Erie CO (between Denver and Boulder), offering a progressive model-making environment with in-house laser cutting, 3d Printing and CNC capabilities, and tremendous fabrication-by-hand opportunities.

You will both independently and as part of a team perform and coordinate the building of a wide array of models, prototypes, and mock-ups to specifications determined by the client. You will work from sketches, renderings, layout drawings, completed detailed drawings, and CAD data as available in accordance with a predetermined schedule and/or priorities. Familiarity with various 3D CAD software platforms is essential.

However, our biggest requirement is that model making is ***your passion***.

Please send your resume, a few images of your best work, a few references, and a little info about your experience, availability and goals as a professional model maker.

Feel free to reach out with any questions.

Marc

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**Role Summary:**

- Develop and/or build models, prototypes, and mock-ups in the most feasible way per customer requirements, goals, and objectives.
- Collaborate on product design solutions with model building team to influence the feasibility of production or prototype runs.
- Take strong ownership in projects and provide vital feedback to the team and the customers.
- Recommend and use materials, methods, procedures, and technology used in building models and prototypes.
- Maintain the use of standard modeling techniques, materials, processes, and technology.
- Perform additional responsibilities as needed.
- Work normally under no supervision (after initial training period).

**Preferred Competencies**

- Good competence and creative skills.
- Ability to both thrive working independently and as part of a team.
- Experience in a design and development of models.
- Ability to create inventive and appropriate 3d solutions utilizing multiple 3D CAD software platforms.
- Competence with traditional materials and modeling techniques including sculpting, machining, 3D CAD skills, 3d printing and CNC machining.
- Experience in prototyping or model making, scheduling resources in a model shop, and collaborating with industrial designers, engineers, and vendors.
- Competence in Building and fabricating high quality, detailed, unique and complex prototype models using plastics, wood, and additional materials.
- Ability to program, operate, and maintain equipment such as CNC, 3d printers, laser etcher/cutter, mills, table saws, routers, band saws, and general shop hand tools.
- Ability to collaborate with design teams to understand and plan project build needs, brainstorm ideas, and review build progress.
- Familiarity with industrial design concepts and processes.
- Well-developed conceptual, analytical, and communication skills.
- Ability to make sound decisions without all relevant data present.
- Ability to read and interpret engineering drawings.
- Ability to solve problems with a sense of urgency in a fast-paced environment.
- Ability to be a self-starter, reliable, motivated in your work, and to work in a team environment.
- Capability to work under minimal or no supervision.

**Work Authorization:** Archetype3D will only employ those who are legally authorized to work in the United States. This is not a position for which sponsorship will be provided. Individuals with temporary visas or who need sponsorship for work authorization now or in the future are not eligible for hire.

**Compensation and Benefits:** Archetype3D offers an excellent wage and benefits package for full-time employees including Health//Prescription Drug Plan, 401K Retirement Savings Plan, Paid Holidays, Paid Vacation.

EO/AA Employer Minorities/Females/Protected Veterans/Disabled