

Three-Dimensional Designer

Heavy Industries builds some of Canada's most interesting public art and creative construction projects and we are looking for a Three-Dimensional Designer to expand both our capacity and evolve our design capabilities even further. Heavy Industries prides itself on effective design that matches client needs with buildable projects. You will be a part of conceptual, construction, and manufacturing design for a wide variety of projects from Architects, Public Artists Landscape Architects, and professional designers.

Find out more about Heavy Industries design work at: www.heavyindustries.ca/design

PRINCIPLE RESPONSIBILITIES

- Direct involvement in the design cycle from concept through production & installation
- Manage and incorporate information from various (often conflicting) sources into the design process (client, engineer, architect etc.)
- Design for manufacture & assembly
 - Selecting the most appropriate materials for quality and cost effectiveness
 - 3D validation of assembly sequences & complex parts
 - Standardization of fasteners & fabrication techniques to improve production efficiency
- Assembly visualization & validation
 - Achieving the aesthetic the client desires
 - Clarifying production processes through documentation and animations
 - Produce drawings for client signoff and production
- Sales support
 - Up-front design and costing
 - Design visualization, photorealistic renderings and animations
- Continual improvement of Heavy's design & drafting process to improve efficiency and reduce design cycle time

QUALIFICATIONS/REQUIRED KNOWLEDGE & SKILLS

- Education in Industrial Design, Mechanical Design, Engineering or related field from a reputable institution
- Directly applicable experience working in manufacturing, construction, fabrication or similar industry
- Extensive knowledge of various design software such as Solidworks (absolute necessity), as well as knowledge of Rhino, Grasshopper, Zbrush and Revit is a strong asset.
- Experience with all stages of the design process, from conceptual design all the way to final production and installation files
- Experience organizing design work and managing shifting priorities

WORKING ENVIRONMENT

- Be able to work in an open office setting
- Spend majority of time working in a 3D digital space
- Be able to thrive within a busy working environment to meet scheduled logistics dates
- Must ensure you are wearing appropriate PPE dictated by the work conditions (indoor/ outdoor)
- Be punctual for shifts, flexibility to work overtime and weekends when required

REPORTS TO

- 1) Senior Designer
- 2) VP of Operations

WHAT IS IN IT FOR YOU?

Job Satisfaction:	You will get to directly participate in some of Canada's most interesting (and high profile) creative construction and art projects.
Job Variation:	You will never get bored in this fast paced environment. Every project is different and every day comes complete with its own unique challenges and problems for you to solve.
Job Opportunity:	You will be exposed to opportunities to grow and develop our relatively young business into one of the world's premiere manufacturing companies. We have not plateaued and do not plan on doing so any time soon.
Culture:	You will get to work with fun, dynamic and highly skilled people that are driven to succeed.
Remuneration:	You will be paid relative to the experience you bring and your accomplishments; you will be rewarded with company success. You will get plenty of vacation, and be added to our benefits program.

If this sounds like the right opportunity for you, please contact us at careers@heavyworld.ca with "Three-Dimensional Designer" in the title.