# Erin Dixon

## Objective

Aiming to contribute in an engaging, creative environment where applying skills, meeting rigorous deadlines and advancing knowledge are expected.

## Education & Certifications

**2009** **Canada Green Building Council -** LEED Accredited Professional

**2008 to present** **Ryerson University -** Candidate for Master of Building Science (MASc)

- *Courses*: Building Science Theory, Performance Assessment, Envelope Systems, Simulation, Ecological Design.
- *Software:* EnergyPlus, DesignBuilder, THERM/Window, WUFI.
- *Research*: Modeling and optimization of a nested thermal envelope residential home design for cold climates.
- *Conferences*: Presenting at the Oak Ridge National Laboratories Buildings XI conference in Clearwater, Florida, 2010.
- *Certifications*: Completed Green Roofs for Healthy Cities, Green Roof Design 101.
- *Teaching Assistant*: Course support and marking for 140 undergraduate architecture students in Building Envelopes.
- *Campus Life:* Master of Ceremonies for the 'Celebrate Sustainability at Ryerson University' reception to unveil the first Ryerson LEED Gold plaque and showcase Ryerson's commitment to sustainability - speakers introduced included the Deputy Premier of Ontario, Ryerson University President, Vice-President and Interim Dean.
- *Research Assistant*: Involved in proposal writing for successful submissions to various Canadian organizations.
- *Team Participation*: Active member of an interdisciplinary team to design a sustainable infill neighbourhood as part of the American Institute of Architects 2009 Green Communities competition.

**2003** **Humber College -** Industrial Design Continuing Education

**2002** **Humber College -** Cabinetmaking Certificate

**1999** **Celestica -** Finance, Costing & Budgeting for Engineers, Getting to Patent Workshop

**1998** **Queen's University -** Bachelor of Science in Mechanical Engineering

## Work Experience

**2002 to present** **3D form -** Sole Proprietor

- Design and production of furniture and lighting featuring innovative use of materials.
- Graphic design and technical writing solutions for corporate and private clients.

**2000 - 2008** **Children's Technology Workshop -** Director of Curriculum & Operations

- Developed and oversaw creation of engaging curriculum, matching activities to children's abilities and featuring a unique combination of technology and hands-on resources. Highly-regarded product receives worldwide accolades.

**1998 - 2000** **Celestica -** Automated Repair Team Leader

- Oversaw 40 pieces ($2M) of manufacturing equipment including specification, evaluation and process implementation. Managed a team of 10, organizing structure and training to provide seamless 24-hour manufacturing support.

## Personal Interests

**Home Renovation** - implement broad skills from systems, layout & finish design to budgeting and contractor management.

**Vintage Collector** - interest in Mid-Century Modern pieces from a design & sustainability perspective, collect 'Fat Lava' ceramics.

**Athletics** - competitive hockey, volleyball and soccer player, recreational snowboarder, golfer and sailor.

12 Elmsdale Rd. Toronto Ontario, M4J 3M4 ▪ C: 416.885.4713 ▪ H: 416.467.1948 ▪ erin@3dform.ca