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Derek A. Ing

EDUCATION

- Emily Carr University, Vancouver, BC** **2006 - Present**
Industrial Design Major - Fourth year, 3.2 GPA
- Red River Collegiate, Winnipeg, MB** **2002**
Arc Welding Certification. MIG Welding Certification
- South Winnipeg Technical Institute, Winnipeg, MB** **1999**
Auto Mechanics Experience Credit
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EXPERIENCE

- *glisten)) HIVE - Cultural Olympiad, Vancouver, BC** **2009 – present**
Industrial designer
Contract position for an artist participating in the CODE_LIVE Olympic exhibition on Granville Island.
Deliverables:
- Designed and fabricated a mobile / modular rear projection screen that satisfied the aesthetic vision of the artist, and allowed for simplistic installation and transportation.
 - Worked in partnership with another industrial designer, fabricating the installation to a final length of 80ft x 7ft, maintaining a 90ft radius using aluminum, custom hardware, steel cable, and a semi translucent vinyl.
- Sunrise Soya Foods, Vancouver, BC.** **2005-Present**
Communication design – Contract position
Working closely with the Marketing coordinator, my duties are to communicate information and appealing qualities of any given food product.
Deliverables:
- Creation of sell sheet templates, recipe cards, nutritional information, product packaging, point of sale displays, and other visual tools that the marketing department may deem important.
 - Responsible for the creation of marketing tools from the ideation phase to the final pre-press stage.
- TOM Construction, Pender Harbour, BC** **2009**
Framer/form builder/machine operator
Seasonal construction employment that requiring knowledge of construction processes and equipment operation.

Arcon Construction, Vancouver, BC

2008

Sculptor/Fabrication and shotcrete specialist/Rebar structure and mapping

Arcon builds for exclusive customers that desire a faux-finished rock facade functioning within their pool, fountain, or landscape. My responsibilities evolved from shotcrete mix and operation through form construction to sculpting and finishing of the final product.

Kask Bros Ready Mix Concrete Ltd. Burnaby, BC

2006-2008

Ready mix truck operator

Responsibilities included; Safety and assertiveness on the road and on the job, knowledge of trucking routes within the Lower Mainland, concrete slump accuracies and stability.

SKILLS

Transportation

- Class 3 license, with air brake endorsement
- Slack adjustment certification
- *Safe Start & Smith Systems* transport accreditation

Construction

- Table saw, band saw, skill saw, jig saw, miter saw, chop saw, speed saw, chain saw
- Pneumatic compressors, impact tools, nail guns, rock drills, *Hilti* drills and reinforcement application
- Rebar bending - hand tools, hydraulic benders

Heavy equipment

- Front-end loaders, backhoe, excavator, scissor lift, genie lifts, forklift, *Hiab* cranes

Metal Fabrication

- 12' shear, punch press, break press, cold milling equipment, spot welding, MIG welding, arc welding, plasma cutters, tube bending, mandrel benders, cut off saws, grinding equipment

Concrete

- Rheobuild plasticizer, ghellenium plasticizer, artivia, delvo retardant, compound pigments, fibers, stamping, troweling, finishing

Art / Design

- Adobe CS4 Suite - Photoshop (expert), Illustrator, InDesign, Acrobat, Dreamweaver
- Sketchup 3 dimensional rendering software
- Solid works 3D
- Mac & PC platforms
- CNC laser, 5 axis routing operation and vector creation/separation
- Air brushing
- Pre press printing
- Pencils, charcoal, pastels, gouache, watercolour, latex, compressed air sprayers (HVLP including HP-C airbrushing)

Design Process and methodology

- User centered design, "make it soup", participatory design, co-design strategies, general solution principals

Woodworking

- Table router, pin router, jointer, planer, thickness sander, re saw bandsaw, lamination, drill-mill, vacuum forming, Belt sander, disc sander

Auto Body

- Random orbital sanders, buffers, compressed air sprayers, various paint