

Brian Scott Gibson

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EMPLOYMENT HISTORY:

Freelance Consultant - Drafting/3D Modeling/Construction/Computer Systems/Web Design/Photography

self-employed; Manchester, NH; May 2000 - August 2005, April 2009 – current; <http://www.digitalgibson.com>

- *Site surveying, architectural & structural CADD, mechanical & CAM modeling & drafting*
- *Design and installation of custom carpentry, drywall, cabinetry, decks, outbuildings, etc.*
- *Computer systems purchasing, installation, setup, network setup and repair, and systems administration*
- *Web site design and hosting, custom graphics creation, custom programming and scripting*
- *Landscape/nature photography, event photography, portraits, editing/touchups, prints, framing*
- *Wide variety of previous design and construction projects, including creating architectural as-builts, design-build drawings of both commercial and residential projects, and record drawings for review boards (zoning, etc.).*

Civil & Structural Engineering Technician

H.E. Bergeron Engineers, Inc.; North Conway, NH; August 2006 - April 2009; <http://www.hebcivil.com>

- *2D & 3D modeling and drafting for structural design, civil design, and survey departments*
- *Standardized, updated, and organized firm's entire detail library*
- *Established drawing standards and blocks for architectural, electrical, and cold-formed steel projects*
- *Functioned as an assistant engineer, assisting in design for cold-formed steel, grading, and drainage*
- *Functioned as firm's CADD Manager for latter portion of employment*
- *Supported entire firm in "help desk" capacity on software, systems administration, and standards issues*
- *Performed document reviews, RFIs, drawing checks, and coordination with clients and subcontractors*
- *Handled document and file management, including generation of print sets*
- *Utilized: Land Desktop, AutoCAD Map, AutoCAD, AutoCAD Civil 3D, Autodesk Impression, Carlson GIS, Autodesk Vault, AcroPlot, CFS, LumenCalc, RIS, ArcGIS, Google Maps, Google Earth, Bentley RAM, Bentley RAM Advanse, et al.*
- *Design/drafting work included: concrete foundations, timber framing and trusses, structural steel framing & detailing, cold-formed steel structural framing, curtain walls, hybrid design & detailing, roadways & intersections, wetlands mitigation, utility layouts, drainage layouts, survey plots & analysis, subdivision layouts, transportation skids, and various bridge designs - including several high-profile projects in North Conway, NH, in Boston, MA and in Gibraltar*

Senior Structural Engineering Technician

Steel Elements, Inc.; Gorham, NH; August 2005 - August 2006; <http://www.steelelements.com>

- *3D modeling and drafting for structural steel and cold-formed steel framing*
- *Assisted with engineering decisions, managed workflow, trained and supervised two other technicians*
- *Performed document reviews, RFIs, drawing checks, and coordination with clients and subcontractors*
- *Handled document and file management, including backup archiving systems, generation of print sets*
- *Utilized: AutoCAD, ItFramer, KeyMark, AcroPlot, CFS, RIS, Keymark, et al.*
- *Design/drafting work included: structural steel framing & detailing, cold-formed steel structural framing, curtain walls, hybrid design & detailing - including numerous high-profile projects in Gibraltar*

Beta Tester (ongoing) periodic (unpaid)

- *Autodesk, Inc.: AutoCAD 2009-2011, AutoCAD Mechanical 2011, AutoCAD Architecture 2011, AutoCAD Inventor 2011, AutoCAD MEP 2010-2011, AutoCAD Electrical 2010-2011, Autodesk Impression 2 & 3, Autodesk Design Review & DWG TrueView 2009-2011*
- *Adobe Inc.: Photoshop Lightroom 3; Westwood Studios/Electronic Arts, Inc.: Earth & Beyond; GNU Foundation: GAF Foundation; Dark Brood: AorticDB*

TRAINING:

- **International Association of Certified Home Inspectors**, Boulder, CO -- Green Building (2008), Structural Issues for Home Inspectors (2008), Log Home Inspection (2008), Home Inspector's Examination (2008)
- **XL Insurance**, Monterey, CA -- Liability IQ for Architects and Engineers (2007), Contract Review & Revision I (2007)
- **Bentley Systems** – BeEmployable program (*Microstation, RAM, PowerDraft, Generative Components, Building, Descartes*)
- **CAPINC** – SolidWorks Engineering Stimulus Program (*SolidWorks, eDrawings, SolidProfessor*)

EDUCATION:

- **Worcester Polytechnic Institute**, Worcester, MA -- Computer Science/Theater Technology (1995-1999, double-major)
- **New Hampshire Community Technical College**, Berlin, NH -- Latin (1995), Bartending (2003)
- **Gorham High School**, Gorham, NH -- Advanced College Preparatory program, 1995 Honors Graduate