

Daniel A. Nielsen
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- Objective** Full time employment in the field of Mechanical Engineering
- Education** **University of Minnesota, Twin Cities; Institute of Technology**
Bachelor of Mechanical Engineering, December 2005. GPA 3.404
- Computer Skills** Proficient with Microsoft Word, Excel, Power Point, and Project, C/C++ Programming, Pro-Engineer Wildfire, LabView, Matlab, and LINCAGES
Familiar with, Microsoft Visual Studio, EES, ADAMS, ANSYS, PLC programming
- Work Experience** **Owner**
March 2003 to present
Blades Landworks, L.L.C., Bloomington, MN
Make executive decisions regarding organization, expenditures, negotiations, and the goals of the business. Develop marketing strategy, advertisements, cost estimations, and business partnerships. Handle client communications and contracts. Manage employees. Produce landscape designs and construct landscape projects.
- Coursework** Introduction to C/C++, System Dynamics and Control, Deformable Body Mechanics, Thermodynamics, Heat Transfer and Fluid Flow, Fundamentals of Electrical Engineering, Design and Manufacturing, Basic Measurements Laboratory, Motion Control Laboratory, Introduction to Robotics, Computer Vision, Analog and Digital Control, Advanced Biomechanics, Advanced Mechanism Design, Medical Device Research & Design Project
- Honors** Presenter at Design of Medical Devices Conference, April 2006
Publication of research paper in The Journal of Biomechanical Engineering, November 2006, Provisional patent, April 2006
Member Pi Tau Sigma, Mechanical Engineering Honor Society
Dean's List: fall 2001, fall 2002, spring 2003, spring 2004
- Activities** Adventure Race, Northern MN; September 2005
Backcountry trekking, USA; multiple times yearly
Tutor, Mathematics, University of Minnesota, Duluth 2003
Photography, Intramural Hockey, Skiing and Snowboarding