Jacob Speed

EDUCATION  
  
The University of Maine  
B.S. Mechanical Engineering, GPA: 3.045 Expected May 2013  
  
Courses Studied: FORTRAN Programming, Thermodynamics I & II, Statics, Physics, Fundamentals of Electric Circuits, Strength of Materials & Advanced Strength of Materials, Fluid Mechanics, Controls, Design I & II, Technical Writing I & II, Dynamics, Calculus I, II, & III, Differential Equations with Linear Algebra, Engineering Statistics, Materials Engineering & Science, Mechanical Laboratory I, Introduction to Finite Element Analysis  
  
SKILLS  
  
Using Solidworks, created multiple parts and mechanisms for manufacturing. Given the mechanism dimensions and initial conditions, analyzed the structure and created a three-dimensional model of the parts.   
  
For Fortran Programming, created multiple programs given initial conditions to input data and derive an accurate output from the inputted data.   
  
Laboratory experience using multimeters, pressure transducers, and strain gages  
  
COMPUTER APPLICATIONS  
  
Fortran Programming, Mathcad, Matlab, Solidworks 2010 to present, Adobe Acrobat, Microsoft Office (Word, Excel, Powerpoint, Publisher), Timberline Office, and experience using Macintosh.   
  
EXPERIENCE  
  
ABM Mechanical, Inc. Bangor, Maine  
Paperwork Controller & Technician December 2010-Present  
  
Responsible for proposing, purchasing, and submitting materials for job locations by analyzing Specifications and Blueprints to provide to General Contractors. Improves multi-tasking, teamwork, and communication skills working in a fast-paced, dynamic, and professional environment. Demonstrates dedication, hard work, cooperation, and flexibility while gaining professional experience in a Mechanical & Plumbing firm.   
  
INTERESTS  
  
Working Outdoors, Hunting, Sports & Leisure, Fishing, Working on a Farm  
  
EXTRACURRICULAR ACTIVITIES / HONORS  
  
Husson University’s Men’s Soccer (NAC Champion) Varsity Baseball (Captain as Senior)  
National Honors Society (Vice President as Senior) PVC All-Star  
Varsity Basketball (Captain as Senior)  
    Varsity Soccer (Captain as Senior)  
Class B Big East All-Star PVC All-Star  
Scholar-Athlete Award Eastern Maine Class B All-Star (1st Team)  
Project Adventure Student Council Member (Secretary as Senior)  
The Walter H. Foster III Scholarship Recipient Intramural Sports/Activities  
Mitchell Institute Scholarship Recipient Technology Committee  
  
​\*Personal and professional references available upon request.