Daryl George

88 Colby Road • Weare, NH • (603)-660-1683
daryl.george@umit.maine.edu

OBJECTIVE

To obtain a full time position as an entry level Mechanical Engineer where I can apply my knowledge of mechanical and electrical systems to functional projects in order to gain experience and build on acquired skills.

EDUCATION

University of Maine, Orono, Maine
BS Mechanical Engineering Technology, **Electrical Engineering Technology Minor**
Expected graduation date May 2012
Overall GPA: 3.05 **Major Specific GPA**: 3.17

QUALIFICATIONS

Passed **FE Exam: Maine,** *May 2012 (EIT)*

RELEVANT COURSEWORK

Power Transmission and Control • Industrial Vibrations • Machine Tool Processing
Senior Mechanical Design • Fluid Flow Technology • Engineering Materials
Thermal Applications • Project Management • Programmable Logic Controllers
Microcontrollers • Ordinary Differential Equations

ENGINEERING PROJECTS

Microcontrollers

- Worked in a team of three to learn three new functions of the PIC 18F4580 chip and created an output voltage analyzer to display the signals generated by an electric guitar.

Kinetic Sculpture

- Involved in an ongoing project as website creator and CAD designer that is to be completed before graduation with seven members that will be featured in the front window of the Maine Discovery Museum in Bangor, Maine.

EXPERIENCE

Industrial Vibrations Student Laboratory Technician V, *January 2012 to Present*
University of Maine School of Engineering Technology

- Taught students how to use a CSi Fourier Analyzer to perform different methods of testing, including: misalignment, resonance, machine balancing, bearing, and predictive/preventative maintenance.
- Responsible for grading assignments provided by the instructor and returning them in a timely manner to give students feedback before exams.

Technical Physics II, Statics, Strength of Materials, and Thermal Science
Student Tutor III, *January 2010 to Present*
University of Maine Athletic Tutoring Program

- Created lesson plans and worksheets for the students to build on key concepts and understanding.
- Demonstrated efficient methods and practices to help determine the solutions to various problems in all four courses.

TECHNICAL SKILLS

CAD Programs: SolidWorks 2012, Autodesk Inventor, SolidEdge Traditional and ST4
CNC/CAM Programs: Surfcam, Mastercam, and CNC 10
Programming: MPLAB and Microsoft Visual Studio
Other: Microsoft Office (Excel and Excel Macros, Powerpoint, Project), NI LabView, TK Solver, CSi Fourier Analyzer and Vibration Analysis/Machine Balancing equipment

REFERENCES

Available on Request