

Theodore Jarvela
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OBJECTIVE To obtain a mechanical engineering position where I can effectively apply my engineering knowledge and skills.

EDUCATION B.S., Mechanical Engineering Technology, May 2010
University of Maine, Orono, Maine
* 3.23/4.0 Cumulative Grade-Point Average
* Senior Design Project -- Team project consisting of design and fabrication of automatic wheelchair brakes for people with impaired memory
* Successfully completed the Fundamentals of Engineering Examination

EXPERIENCE Co-op Engineer, Physical Plant Department, Colby College - Waterville, Maine
May through August 2009

- * Developed plans to separate steam lines supplying the Deyes science building laboratories from the lines supplying building heat, ensuring a constant supply of steam for the labs when the heating supply is shut off.
- * Located and recorded the locations of underground utilities for the McCann Road Storm water drainage replacement project. Contractors used this information during bidding and construction.
- * Created schematic drawings of Steam Plant piping using Microstation, to be used during implementation of lockout safety procedures for equipment undergoing shutdowns or repairs.
- * Scheduled campus HVAC (Heating, Ventilating and Air-conditioning) equipment for preventative maintenance using TMA (The Maintenance Authority) software.
- * Assisted in various other projects including; new underground steam line, demolition and installation of hockey rink dasher boards, swimming pool rehab, photography studio ventilation system, safety projects, gathering data.

Orchardist, Gill Orchards - Alfred, Maine

Full-time: 2000 to 2003, Part-time and summers: 2004 to Present

- * Performed tasks associated with the culture, sale, and processing of apples for a 180-acre apple orchard.

HONORS Student Chapter Scholarship Award from the Maine Chapter of ASHRAE
Dean's List
Treasurer of University of Maine ASME student chapter
Treasurer of University of Maine ASHRAE student chapter

COMPUTER SKILLS Training includes: AutoCAD, CAD/CAM, TMA (The Maintenance Authority)
Pascal, Basic Experience with Windows, Microsoft Office, Mathcad, TK Solver, Microstation

PROFESSIONAL MEMBERSHIPS American Society of Mechanical Engineers
American Society of Heating, Refrigerating and Air-Conditioning Engineers