

JASON LUCCA

I am interested in a career that allows me to use my skill set as a Mechanical Engineer. Over the course of my five years at Northeastern I have used my opportunity as a cooperative student to gain insights into the practical side of the business. Although I have a hearing impairment, I have never allowed anything to get in the way of my aspirations and goals. I have never wavered from the track that I set forth and I was never deterred from choosing a path.

Keeping my career goal in mind I have enclosed my resume outlining my qualifications for an engineering position to create improved products or processes. My key strengths and accomplishments include:

- Experience in the use of AutoCAD software as an effective engineering tool in the solution of engineering problems.
- Experience with effective and cohesive management teams in my three diverse experiences with my cooperative assignments.
- Successful completion of projects while committing to the quality of results and timeliness of project execution.
- While in class and involved in a co-op assignment; learned how to design and conduct experiments on prototype or developed engineered systems and effectively communicated the results via written reports and oral presentations.
- While in lab and at a co-op assignment; learned how to correctly calibrate, install, and properly use basic electro-mechanical instruments as are typically used in engineering experimentation.
- Assisted with several construction projects that deal with interior and exterior renovations.
- Making a difference through volunteering, most recently as a Citizen Teacher working with students.

In view of my experience I would like the opportunity to discuss the value I can bring to the company. I appreciate your consideration and look forward to meeting with you.

Sincerely,

Jason Lucca

JASON LUCCA

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121 St. Stephen Street #G5
Boston, MA 02115

Education

Northeastern University, Boston, MA

May 2010

Bachelor of Science in Mechanical Engineering Technology

Courses: HVAC, Capstone Design, Renewable Energy, Fluid Mechanics, Manufacturing Methods, Mechanical

Vibrations, Power Generations, Heat Exchanger, Mechanical Design, Heat Transfer, Stress Analysis, Thermodynamics, Materials, Statics, Dynamics

Activities: Co-captain Intramural Broomball, Co-captain Intramural Floor Hockey, Intramural Volleyball, Deaf Club

Computer Skills

AutoCAD, Sketch Up, Microsoft Excel, Word, PowerPoint, Outlook, Frontpage, Access, Expression, HTML, Adobe Photoshop, Image Ready, Dreamweaver, Jasc Paint Shop Pro

Work Experience

Boston College, Boston, MA

January - June 2009

Capital Projects Management Department

Engineering Services Co-op

- Sized and designed HVAC ductwork and piping for several in-house design projects using AutoCAD.
- Visited project construction sites to meet with contractors and review project status.
- Attended project management meetings to discuss changes and modifications.
- Worked independently on projects such as determining the number of bathroom ventilations and exhaust fans replacements for two buildings on campus.
- Created new and modified existing AutoCAD layouts of underground campus utility infrastructure.
- Communicated with contractors regarding project management time line.

Integrated Design Group, Boston, MA

January - June 2008

Architectural and Engineering Design Company

Mechanical Engineer Co-op

- Drafted HVAC ductwork and piping for several building projects using AutoCAD.
- Modified and updated floor plans for 3 major clients; Switch and Data, Digital Realty Trust, and Iron Mountain.
- Created AutoCAD drawings for audio, video, and electrical wiring for Switch and Data.
- Participated in frequent project meetings to meet with contractors.

Commonwealth of Massachusetts, Boston, MA

January - August 2007

Massachusetts Trial Court, Capital Projects

CAD Drafter and Design Co-op

- Modified and updated floor plans (in Sketch Up solid modeling and AutoCAD) for two major courthouse renovations – Plymouth and Worcester, MA. Contributed to several other renovation projects. Participated in frequent project meetings.
- Presented to customer (architectural firm) the 3D plans for a courthouse renovation they were designing.
- Visited construction sites in Plymouth and Worcester, MA to meet contractors and review changes in floor plans.

Volunteer Services

- Citizen teacher to mentor middle school children on building a solar car.
- Volunteered at the Midland School for Special Needs as an assistant soccer coach.
- Assistant teacher at Summit Speech School for three summers.
- Assisted an athlete at the Special Olympics one summer.

Other Interests and Activities

Play golf, tennis, floor hockey, broomball, basketball, and volleyball recreationally. Wrote analysis, opinions, and power rankings on the New York Giants for three years on a website called Most Valuable Network (MVN).

References furnished upon request