

Victor James Ianciuc
13021 NE 87th St.
Vancouver, WA. 98682
M: 503-421-3317
victor.ianciuc@gmail.com

- Objective -

Mechanical Engineering student seeking to acquire an entry-level position, that is responsible and challenging to optimize engineering knowledge and education, for the growth and development of the company's success.

- Computer Software Skills –

- Utilized Mastercam 8, SolidWorks 2010, Autodesk Inventor, AutoCAD 2009, ANSYS 12
- Proficient in using MS Word, MS Excel, MS PowerPoint, LoggerPro and Matlab 2009

- Fundamental Engineering Skills –

- Strong communication skills to productively interact with people with diverse backgrounds, effective problem solving and project management skills.
- A great understanding of material failure modes and theories, properties and behavior of engineering materials and modes to avoid failure such as fatigue, fracture, creep and wear.
- A firm understanding and ability to apply Lean Manufacturing and development of a Value Stream Mapping.
- A firm knowledge of Just In Time and Total Quality Control
- Strong understanding of Manufacturing Planning Control (MPC), Six Sigma and able to create a Master Production Schedule (MPS).
- A solid understanding of worst case and statistical tolerance, the use of Geometrical Dimensioning and Tolerancing (GD&T).
- Proficient in Finite Element Analysis (FEA) and Computational Fluid Analysis (CFD).

- Education –

Washington State University—Vancouver, WA
B.S. in Mechanical Engineering
Design and Manufacturing Certificate

Expected graduation: May, 2011
Cumulative GPA: 3.3

Clark College—Vancouver, WA
Associates in Science

Graduated September, 2009

- Experience –

Logitech—Camas, WA

October 2010- Present

Senior Design Sponsor—Subwoofer team, team leader

- Performed thermal analysis on heatsinks using ANSYS, researched different designs that would improve cost, aesthetics and performance.
- Propose 3 new heatsink ideas, manufacture and test them, then compare them to the current heatsink design in cost, efficiency and also improvement in aesthetics. Create DFA scores for each new proposed heatsink ideas.
- DFA score for the Z5500 subwoofer assembly, and suggest ways to improve the score.
- As a team leader I created Ghant charts and communicated with our sponsors.

Boydston Metal Works—Portland, OR
Welder/Fabricator

March 2006—September 2006

- Communicated with CNC operators, Engineers and other departments in the shop.
- Skilled with aluminum MIG welder and the ability to bend and weld parts according to blueprints provided for each trailer.
- After three months of employment I was trained to program and operate CNC machines.

-Interests and Hobbies-

- Wind and solar energy, automotive, manufacturing, light weight composites, aerodynamics and FEA.
- Hiking, biking, weight lifting and exercising, jogging, coffee shop with friends and traveling.

➤ *References and letter of recommendations are available upon request.*