**Grady Goodenough**

6205 NE 25th Ave, Portland, OR 97211 | (208) 721-0395 | grady.goodenough@gmail.com

Skills

Siemen’s NX

Solidworks

Finite Element Analysis

Leatherworking

Education

Portland state university

BS Mechanical Engineering, Present

President of the OR-B Chapter of Tau Beta Pi Engineering Honor Society

boise State UNIVERSITY

BA English Literature, December 2010

* Writing Center Volunteer

Professional Experience

**daimler trucks north america** Portland, OR

## *MECOP Intern, Apr 2017 – Sep 2017*

Designed a new inside of rail mounted air tank bracket for vocational truck use. Estimated production volume of *70,000* brackets per year.

Analyzed bracket designs using FEA techniques to ensure structural and modal stability for vocational applications.

Performed quality checks for Custom Work Orders; caught *142* errors which would have become shop calls during manufacturing. Saved over *$4000* and *100* hours of labor from full-time engineers.

Created a centralized location for Mid-Chassis Packaging digital models to save communication time and reduce confusion on current concepts impacting design space.

Performed root-cause analysis for a recurring drain-cable shopcall. Proposed a new datum position and install diagram which resolved this issue.

1201 Computer repair Portland, OR

Computer Repair Technician, Aug 2015 – Apr 2017

Repaired over *500* computers, both hardware and software issues.

Performed hardware repairs including cooling system repair, LCD replacements, liquid spill cleanouts, and soldering repairs.

Recovered data from damaged hard drives, including one involved in a house fire.

Repaired software issues on Mac OSX, Windows, and Linux environments including virus removal, repairing broken operating systems, and corrupted registries.

Designed and built *6* custom PCs purpose built for gaming, CAD, productivity, and video rendering, respectively.

**YURZ INC** Beaverton, OR

## *SEP Manager, July 2011 – Aug 2015*

* Automated keyword research with an Excel macro, reducing database populating time by 25%.
* Created custom filters in Microsoft CRM to create internal and external cost reports for client advertisements.
* Created template content for customer websites and advertisement text.
* Led a team of 6 people to research, create, and maintain customer advertising on Bing and Google platforms.

Awards

1st Place in the 2015 Armor Creation Competition run by Belegarth Medieval Combat Society