

John Smith

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Winston Salem NC 27103

Summary

Experienced new product design and development engineer with an emphasis in design for manufacturability, cost reduction and quality improvements.

Education

NC University, Raleigh, NC

B.S. Mechanical Engineering, May 2010

GPA: 3.4 / 4.0 overall

Graduated Cum Laude

Universidade Federal do Rio de Janeiro, Rio De Janeiro, Brazil, March to July 2009

Study Abroad Classes: Cogeneration of Energy, Science and Society, Portuguese

Computer Skills: Unigraphics, Minitab, SAP, PDM, Teamcenter, Microsoft Access and Office, Windows XP, Windows 2007, UNIX, Maple, Java, Fortran, Solidworks, ProE, AutoCAD, Mat-Lab, HTML, Networking, Accusense sensors, Advanced Thermal Solutions sensors

Language Skills: Proficient in Portuguese, Fluent in English, Learning Chinese

Work Experience

Product Development Engineer, Dish Appliances, New Bern, NC

June 2010 . Present

Responsibilities:

- Improvements in the design for assembly for current cooking products
- Cost saving and quality improvements in cooking products
- Work with many departments in the managing of the BOM, costing, and implementation of the next generation project

Achievements:

- Six Sigma Green Belt
- With help of many departments, reduced technical call rate of all products by 3%
- Reduced defects in assembly and production of sheet metal, porcelain, glass, and insulation by redesigning parts to be more robust.
- Worked with a supplier to design a new latch that is a better quality latch and saves approximately \$100,000 a year in material, factory rework, and warranty costs.

Mechanical Engineering Co-op, Cisco Systems, Research Triangle Park, NC

January to August, 2007 and July to December, 2008

Responsibilities:

- Design and create test fixtures to test heat in routers and pressure resistance on fans.
- Execute the test plan for routers using a thermal chamber and wind tunnel.

Achievements:

- Design and creation of custom test fixtures for new model routers
- Provide recommendations for the new model routers based on my test data.

Mechanical Engineering Intern, SIEMENS, Belo Horizonte-Brazil, MG

May to August, 2006

Responsibilities:

- Update, modify, and organize AutoCAD drawings for steel machinery.
- Help with translations of emails and documents.

Achievements:

- Organized all old documents concerning a portion of a steel rolling plant.