

John Forrest Huffman

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Professional Objective:

Obtain a long-term oriented full time position to learn, innovate, and lead while driving flawless operation and customer value.

Education:

North Carolina State University Raleigh, NC
Bachelor of Science, Mechanical Engineering
Expected May 2017
Overall GPA: 3.967/4.0

Experience:

Summer 2016 Exxon Mobil Corporation Beaumont, TX

Reliability Engineering Intern

- Performed pumping effectiveness study of finished oil product storage tank discharge systems.
- Analyzed pump curves and operational demands to upgrade gearbox ratios on six pumps.
- Initiated equipment strategy development for local pressure control equipment on tank discharge systems.

Summer 2015 Exxon Mobil Corporation Olathe, KS

Manufacturing / Engineering Intern

- Designed two Nitrogen blanketing stations to increase raw material shelf life.
- Compiled data and generated gantt chart models identifying bottlenecks within the manufacturing process of three grease products.

Spring 2015, Summer 2014, Fall 2013 RMF Engineering, Inc. Durham, NC

Mechanical Engineering Co-op

- Developed and edited AutoCAD drawings and Revit models for company projects.
- Aided in the design process for three chilled water and steam distribution systems.
- Advanced professional communication skills by participating in the RMF chapter of Toast Masters.

Summer 2013 CaptiveAire, Inc. Raleigh, NC

Research and Development Intern

- Managed daily inventory and quality control for circuit boards at the corporate office.
- Collaborated on a team to create calculations used to dictate product software behavior using data analysis.
- Built circuit boards used on kitchen hoods for twenty jobs.

Skills:

- Technology: AutoCAD, Revit, SolidWorks, Matlab, PI Processbook
- Personal: Problem solver, hardworking, adaptable, strong leader, teachable, team player

Achievements & Interests:

- Goodnight Scholar (2012 – Present)
- Luddy Scholar (2012 – 2016)
- Maurice and Sophie Clayton Scholar (2015)
- NCSU Dean's List (All Semesters)
- University Honors Program (2012 – Present)
- Engineering Entrepreneurs Program (Fall 2016)
- System Design Optimization Laboratory (Fall 2016)
- Alternative Service Break Alaska Team: Leader (Spring 2015) ; Member (Spring 2014)
- Catholic Campus Ministry Small Groups: Coordinator (2016) ; Leader (2013 – 2015)