

Dustin Jones

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Objective To obtain a mechanical engineering internship, co-op, or entry level position to advance my experience in the engineering field.

Education Bachelor of Science, Mechanical Engineering *Expected December 2009*
University of Tennessee at Chattanooga

- Engineering GPA (3.03/4.0)
- Dean's List

Relevant Courses

- Mechanical Vibrations, Thermodynamics (two semesters), Heat and Mass Transfer, Fluid Mechanics, Kinematics and Dynamics of Machinery, Engineering Material Science, Control Systems, Manufacturing Processes, Mechanics of Materials, and Advanced Mechanics of Materials
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Senior Project

Conversion of a 2005 Saturn Vue to be a hydrogen/gasoline flex-fuel vehicle

- The objective of this project is to convert the Saturn Vue to a flex-fuel vehicle capable of independently running on gasoline or hydrogen internal combustion.
 - Expected date of completion: April 15, 2009
 - Engineering analysis done on the project:
 - Stoichiometric air-fuel ratio, energy and power for the viable range of air-fuel ratios, combustion cycle, injection method, fuel ignition controls, aftermarket engine management system design, and storage method.
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Computer Experience

Experience in the following software and applications:

- AutoCAD, SolidWorks, Maple, C++, Visual Basic, TK Solver, Word, Excel with VBA, PowerPoint, Outlook, Photoshop, InDesign, PageMaker, Illustrator, and Acrobat Professional
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Employment History

Production Coordinator, FedEx Kinko's, Chattanooga, TN

2002-Present

- Shift Leader, responsible for the oversight and direction of all team members on my shift.
 - Responsible for the installation and setup of new computers and software and coordination of training on new hardware and software.
 - In charge of scheduling, production, and quality control of all orders placed in the center.
 - Produce on-demand graphical designs and document creation orders for diverse customer base.
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Organizations

- ASME, American Society of Mechanical Engineers
 - SAE, Society of Automotive Engineers
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References available upon request.