

Vijay Murugesan

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Objective	An internship where I can apply my analytical skills towards solving engineering and business problems, with particular interests in supply chain management.	
Education	Auburn University ; Auburn, AL <i>Master of Science in Industrial and Systems Engineering</i> <i>Master of Business Administration</i> Overall GPA: 3.64	Expected Graduation: Dec. 2008
	Purdue University ; West Lafayette, IN <i>Bachelor of Science in Industrial Engineering</i> , May 2005	
Work Experience		
May 2005 - May 2006	Wallenius Wilhelmsen Logistics , Lafayette, IN <i>Industrial Engineer</i> <ul style="list-style-type: none">• Worked with a team of engineers to re-design the Outback accessory department, the department saw a 20% increase in units shipped within 3 months of the project.• Planned and developed an orientation video for the Pre-Dealer Inspection process which was adopted by the HR department.• Performed time studies of various accessory installations.• Organized a company wide ping-pong tournament.	
May 2004 - Aug. 2004	Industrial Equipment and Engineering , Sulphur, LA <i>Internship</i> <ul style="list-style-type: none">• Developed an Access database to record and search customer orders, the database helped managers locate information quickly without searching through file cabinets.• Designed step-by-step programming instructions for 3 CNC drilling machines.• Assisted in the machine shop: clearing scrap metal, operating overhead crane, etc.	
Additional Experience	Graduate Teaching Assistant ENGR 1110 <ul style="list-style-type: none">• Responsibilities include: supervising 20-30 students, grading labs, teaching, moderating exams and assisting with student design projects.• Created lab assignments on Microsoft Excel and VBA currently used in the course.	
	Caterpillar IE Senior Design Project <ul style="list-style-type: none">• Developed a poka-yoke device as a job aid for the Genset Pre-wire operation, which reduced processing time from 15 minutes to 7 minutes.• Used a 5S approach to organize the Genset Pre-wire work center.	
Computer Skills	IronCAD(modeling), Solid Edge(modeling), GAMS(optimization), MiniTab (statistics) AutoMod(simulation), Microsoft Software: Project, Access, Power Point, Excel	
Training, Research, and Certification	Engineer in Training (Passed Fundamentals of Engineering exam on 04/2005) Obtained 30-Hour OSHA Safety training card Project Management training through coursework Research Assistant: Automotive technology related to drivetrain electronic modules	