

**The University of Iowa College of Engineering  
Student Development Center/Engineering Professional Development  
Cooperative Education and Internship Program**

**Industrial Engineering Co-op/Internship Employers  
Employers and Positions, 2005-09**

3M Project work in changeover improvements, downtime reduction, product flow improvements, and process mapping, photometric measurements on reflective material, literature reviews	St. Paul, Minnesota
Accenture Intern Analyst/analyze why a particular product offering failed to meet sales and uptake goals in the consumer goods and services industry	Chicago, Illinois
Accenture Business consulting intern...development and documentation of demand management, requirements management, and release planning processes...assist in the collection, summarization, analysis, and presentation of the FY08 demand for Global Delivery Excellence Products, Services, and Programs	Milwaukee, Wisconsin
Adknowledge, Inc. Statistician and operation researcher	Kansas City, Missouri
Allsteel Various projects in manufacturing plant, including quality, documentation, new product testing	Muscatine, Iowa
American Ordnance Production Engineer Intern...SMED analysis on two different production lines...Process Safety Management document update	Middleton, Iowa
Athena GTX Pioneer the manufacturing process and process control involved in production	Des Moines, Iowa
Berlex Laboratories Immunology research	Richmond, California
Boston Scientific-Scimed Scimed Engineering Intern/apply Lean Manufacturing to production line	Maple Grove, Minnesota
CB & I Engineering Dept. Intern...update CAD drawings...design new mounting bracket for control panel	Plainfield, Illinois
Case-New Holland Manufacturing engineering team, inventory call-off reduction project	Fargo, North Dakota
Caterpillar Inc. Sand reclamation and automation, vendor coordination, castings presentation	Mapleton, Illinois
Centro, Inc. Database development, time and cost studies, design and fabrication of safety guides	North Liberty, Iowa

Civco Medical Instruments Assist in product development and design, manage multiple projects, AutoCAD	Kalona, Iowa
Daimler Chrysler Vehicle System Tech Center Testing and evaluation, project work on human factors in cab design	Portland, Oregon
Dubuque County Highway Department Surveying Crew Member	Dubuque, Iowa
Emerson-Fisher Controls International, Inc Sales engineering, pricing and estimating, evaluation of customer technical requirements, support of field engineering staff	Marshalltown, Iowa
Exelon/Commonwealth Edison Work with customers who are developing new retail or commercial buildings...these customers need electricity in these buildings, so the ComEd engineers create designs...	Elgin, Illinois
Facet Technologies Engineering intern...process improvements, quoting and sourcing new equipment, running and assisting process and equipment validations and to help improve and maintain existing equipment...medical device and packaging...	Kennesaw, Georgia
FMC-Ulker Corporation Engineering Production Intern in food manufacturing factory, work with other production engineers to improve efficiency of production lines, operators and employees, help prepare production plans/reports/schedules and help implement preventive maintenance schedules	Jedda, Saudi Arabia
Gammerler 3D modeling using SolidWorks, plant engineering projects	Hannover Park, Illinois
Gateway Computers, Inc. Update plant drawings, time studies using EASE, AutoCAD	North Sioux City, SD
GE Industrial Engineering Intern in medium voltage and breaker production line area	West Burlington, Iowa
General Mills Manufacturing process intern	Cedar Rapids, Iowa
Great River Health Systems Hospital logistics and workflow...patient response times...space utilization	West Burlington, Iowa
Guardian Industries, Inc. Verification of plant utility electrical blueprints, systems testing	DeWitt, Iowa
Harvey Products Production Engineering Intern, create an accurate and automated log of the inventory control process, including all material received, shipped, produced and on-hand during the process of agglomerating raw material into a pellet, which is the desired finished product	Harvey, Illinois
HNI Research and Development of new products	Muscatine, Iowa

HNI - Hearth and Home Technologies	Mt. Pleasant, Iowa
Reduction of scrap costs in the Pipe Department, data collection and analysis of individual manufacturing cells and their scrap rate, inspection of parts, coordination with operators and engineers in evaluation of processes and materials, presentation of results	
HNI - HON	Muscatine, Iowa
Determine process for tube mill including inventory levels, other manufacturing engineering	
Howard R. Green Company	Cedar Rapids, Iowa
Survey data, property inspection, records and documentation, AutoCAD, aviation department, site work	
Integrated DNA Technologies	Coralville, Iowa
Construct simulation model using Arena software to create a predictive model with greater accuracy than present system	
Intel	RioRancho, New Mexico
Industrial Engineering Intern	
Iowa Department of Natural Resources P2 Program: Loparex	Iowa City, Iowa
Pollution Prevention Intern, main project was finding recycler capable of dealing with 200 tons of mixed paper/month, the waste paper inherent in production of release film coated with silicone and/or polypropylene	
Iowa Department of Natural Resources P2 Program: Rockwell	Cedar Rapids, Iowa
Pollution Prevention Intern, projects to reduce GHG emissions throughout facilities, assist enrollment in programs to enhance commitment to energy and climate change management —Chicago Climate Exchange (CCX) and US EPA Climate Leaders, assisted Rockwell personnel in completion of the Carbon Disclosure Project (CDP4) questionnaire	
Iowa Department of Natural Resources P2 Program: Star Building	Monticello, Iowa
Reduce electrical peak demand and overall natural gas consumption, plant lighting upgrade, other projects	
Iowa Department of Natural Resources P2 Program: VA Medical Ctr.	Iowa City, Iowa
Reduce and eliminate mercury use throughout the facility	
John Deere Construction and Forestry	Davenport, Iowa
Plant engineering intern...evaluation of manufacturing processes on specific projects/parts	
John Deere Construction and Forestry	Dubuque, Iowa
Manufacturing engineering, backhoe fabrication, cost reduction studies, material flow and system improvements	
John Deere Harvester Works	East Moline, Illinois
Implementation of Kanban inventory system, maintaining parts database, and training of wage employees	
John Deere Ottumwa	Ottumwa, Iowa
Works with worldwide combine production, sales engineering and support	
John Deere Foundry	Waterloo, Iowa
Industrial Engineer in foundry, create operator mechanical detailed work instructions for production and prototype parts, Pro-E work	

John Deere Waterloo Works Tractor assembly plant, Continuous Improvement Team for parts standardization of coding over platforms	Waterloo, Iowa
Johnson Controls Systems Technician III...designing graphics, submitting proposals, creating operating and maintenance manuals, and engineering small heating and cooling projects	Cedar Rapids, Iowa
KT Engineering Manufacturing processes, drawing, vendor research	Huntsville, Alabama
Lennox Industries Manufacturing/Process engineering position	Marshalltown, Iowa
Loram Railroad maintenance repair, rebuild, redesign...manufacturing engineering intern	Hamel, Minnesota
Lozier Mfg. Process/Manufacturing Engineering	Omaha, Nebraska
MasterLock Europe Export Assistant, pre-production product information study, Germany market study	Paris, France
Metzeler Automotive Profile System Audit the bills of materials, verify the accuracy of the weights and lengths of all parts from extrusion, review the findings with the Engineering and Operations Manager, submit changes to accounting, and assist the plant industrial engineer on other various projects	Frederick, Oklahoma
Mid-American Energy Holdings Company Project work on gas combustion turbines, data analysis, design	Des Moines, Iowa
Motorola Assist program management department with process improvements in mobile device software development	Libertyville, Illinois
NASA – Ames Human Factors Research Intern... examined different designs of display symbology as an aid to combat brownout crashes	Moffitt Field, California
Nationwide Insurance Checks and Balances Industrial Engineering Intern, Document Solutions Team, process improvement projects including data gathering and analysis, process mapping, simulation, proposals, business case development and IT system design and improvement	Des Moines, Iowa
Newport News Shipbuilding Engineering Intern/perform weight and center of gravity calculations/shock design criteria for surface ships/analysis using Nastran for Windows	Newport News, Virginia
Pella Corporation Manufacturing process intern	Pella, Iowa
Precision Water Systems Field engineering intern...installation and calibration of water filtration systems	Marshalltown, Iowa

PSA Dewberry Consulting engineering projects...the creation of a hot/cold water piping system in a school's lunch kitchen... performing thermodynamic calculations on a broken orifice plate	Peoria, Illinois
Pure Fishing Research and design, quality and plant engineering	Spirit Lake, Illinois
Realtime Technologies Inc. Vehicle dynamics graphic simulation and modeling	Royal Oak, Michigan
Riverway Clinic EMR Implementation Team, workflow operations study and optimization	Anoka, Minnesota
Rockwell Collins LEAN Manufacturing, process support, AutoCad	Bellevue, Iowa
Rockwell Collins Manufacturing process improvements, software development, project work, learn programming in ASP, Access database to determine cost-drivers on project, cost analysis of GPS receiver	Cedar Rapids, Iowa
Rockwell Collins Manufacturing support, automated production center technical support	Coralville, Iowa
Rockwell Collins Technical support for production lines	Manchester, Iowa
Rozak, Henry, Meisenheimer and Gende, Inc Consulting engineering intern...public relations...testing...design	Cedar Rapids, Iowa
Square D Corporation Purchasing/Electronics Development Department	Cedar Rapids, Iowa
Silgan Plastics Corporation Facilities engineering, work flow study, customer presentations	Norcross, Georgia
UI CoE: CCAD Design of research experiments	Iowa City, Iowa
UI College of Engineering HFSM Lab Laboratory assistant	Iowa City, Iowa
University of Iowa College of Engineering Orientation Services Mentor and advise incoming 1 <sup>st</sup> year engineering students, provide guidance on scheduling, adjustment to the college, and interact with parents	Iowa City, Iowa
Whirlpool-Amana Manufacturing Engineering Intern in the Maintenance department, organize and schedule work orders, increase plant efficiency and productivity, and design/analyze special projects throughout the plant	Amana, Iowa
Zurich North America Risk management and evaluation	Schaumburg, Illinois