

DUSTIN J. TARDIFF

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Engaging **International MBA** professional with experience and education in **Supply Chain Management, Strategy, Technology, and Engineering**. Able to leverage significant knowledge of **Energy, Sustainability, Manufacturing, and Research** through superb quantitative and communication skills. Seeking to continue bridging technical and commercial arenas, delivering **Cost Savings**, and driving **Optimization and Efficiency**, within a **Strategic Leadership** career.

PROFESSIONAL EXPERIENCE

SUPPLY CHAIN ASSOCIATES INTERN

May - Aug 2011

DUKE ENERGY

Corporate Headquarters, Charlotte, NC

Advanced competitive bidding projects, contracting endeavors, and management of strategic partnerships through evaluation of pricing, terms and conditions, supplier performance, and technical specifications.

- Negotiated blended engineering services rate to obtain \$2,100,000 of cost savings.
- Collaborated with internal and external customers to ensure accurate proposal scope and pricing.
- Analyzed historic pricing structures for future cost prediction, trending, and market comparisons.
- Investigated escalation indices, forecasted cost inflation, and advised managers on measures to reduce future risk and exposure.
- Wrote Request for Information (RFI) to multiple vendors to complete market and cost intelligence, furthering merger integration activities.

ENERGY CONSERVATION INTERN

May - Aug 2009 & Jan 2010

PEPSICO

Quaker Oats Manufacturing Facility, Cedar Rapids, IA

Developed plant-wide utility modeling to predict costs and pinpoint opportunities among accounting, maintenance, and manufacturing operations.

- Delivered 25 utility consumption models to map usage and highlight resource conservation opportunities.
- Recommended over \$900,000 in potential savings through proposed process improvements.

ENERGY RESEARCH ASSISTANT

Sep 2008 - Sep 2009

COMBUSTION FUELS LABORATORY

University of Iowa (UI) Research Lab, Iowa City, IA

Evaluated commercial value of alternative, emulsified fuels by analyzing burn characteristics, potential industry applications, and market feasibility.

- Reviewed and presented experimental results to accelerate project goals for commercialization efforts.
- Coordinated purchasing and fabrication activities to optimize laboratory equipment and materials.

TECHNICAL ENGINEERING INTERN

May - Aug 2008

ROCKWELL COLLINS

Corporate Headquarters, Cedar Rapids, IA

Directed functional projects to meet end-customer specifications, to include optical testing of displays, fluid susceptibility verification, and impact testing.

- Led investigation that resolved testing discrepancies and machine functionality through trial analysis.
- Managed design of new printed wiring board and revised technical drawings to reflect updated manufacturing processes.
- Wrote multiple testing procedures and data evaluations to initiate range of product laboratory experiments.

DESIGN ENGINEERING INTERN

May - Aug 2007

NEXTERA ENERGY (FPL Energy)

Duane Arnold Energy Center, Palo, IA

Performed engineering activities, completed document accessibility project ahead of schedule, and cleared for unescorted access to nuclear power facility.

- Catalogued over 300 documents for records database to facilitate engineering research.
- Revised technical drawings and ensured accurate equipment installations to close corrective action reports.
- Performed comprehensive design work that modified plant design and improved system functionality.

INTERNATIONAL & PROJECT EXPERIENCE

ASSOCIATE CONSULTANT

Aug - Dec 2011

SUPPLY CHAIN CONSULTING PROJECT

Johnson & Johnson, Raritan, NJ; Columbia, SC

Developing operations improvements through analysis and redesign of business processes; utilizing value stream mapping, process flow evaluation, demand and supply forecasting, and schedule optimization.

PROJECT MANAGER & TEAM MEMBER

Aug 2009 - May 2010

WIND TURBINE IMPLEMENTATION PROJECT Paris & Marseille, FRANCE; Berlin & Munich, GERMANY

Led creation of small-scale wind turbine installation package and presented final design analysis to UI College of Engineering and Université de Provence research departments, as part of joint degree program.

- Modeled structures and landscapes using ProEngineer to pinpoint optimum wind power locations.
- Wrote Iowa Power Fund Community Grant application to accelerate project funding efforts.

CONFERENCE PARTICIPANT & EVALUATOR

Dec 2008 - Jan 2009

INTERNATIONAL PERSPECTIVES IN WATER SCIENCE & MANAGEMENT Cairo & other cities, EGYPT

Participated in National Science Foundation (NSF) workshop between Iowa Institute of Hydraulic Research (IIHR) and Cairo University on water resource usage and conservation.

- Engaged in NSF cooperative workshop to exchange academic knowledge: *Broadening the Role of Cyberinfrastructure in Water Resources Management: Coping with the Challenges of Large River Basins.*
- Co-authored published paper to present research findings: *International Perspectives in Water Science and Management: Evaluation of Short-Term International Engineering Course.*

SPONSORSHIP COORDINATOR & COMPETITOR

Jan - Aug 2008

INTERNATIONAL BAJA MOTORSPORTS COMPETITION

Montreal, CANADA

Managed elements of budgeting, designing, fabricating, and testing original off-road vehicle as UI Society of Automotive Engineers (SAE) member.

- Supervised sponsorship activities to comply with university oversight and secure new sources of funding.
- Designed vehicle brake system and body panels for improvements in design and budget presentations.

EDUCATION

INTERNATIONAL MBA (IMBA)

Jul 2010 - May 2012

MOORE SCHOOL OF BUSINESS, University of South Carolina

Columbia, SC

GPA: 3.9 ▪ Global Supply Chain Management and Strategy ▪ BMW Fellowship
Green Belt Certification Lean - 6 Sigma (Targeted for Dec 2011 through Sonoco)

SPRACHINSTITUT TÜBINGEN (SIT)

Jan - Apr 2011

Intensive German language and business culture training

Tübingen, GERMANY

BSE MECHANICAL ENGINEERING

Aug 2006 - May 2010

COLLEGE OF ENGINEERING, University of Iowa

Iowa City, IA

GPA: 4.0 ▪ Minor in Mathematics ▪ Technological Entrepreneurship Certificate

Graduated w/ Highest Distinction ▪ Outstanding Senior Award ▪ Collegiate Scholar Award ▪ 20 Merit Scholarships

SKILLS

COMPETENCIES

Supply Chain ▪ Sourcing ▪ Energy ▪ Sustainability ▪ Engineering ▪ Technology ▪ Manufacturing ▪ Data Analysis
Optimization ▪ Contracts ▪ Negotiations ▪ Finance ▪ Economics ▪ Project Management ▪ International Business

LANGUAGES

ENGLISH: Native ▪ GERMAN: Proficient ▪ SPANISH: Basic

APPLICATIONS

PowerAdvocate ▪ Excel Macros, Solver, StatPro, & @Risk ▪ MapPoint, Visio, Project, & Access ▪ Minitab ▪ MatLab
C++ Programming Language ▪ ProEngineer & AutoCAD 3D Modeling ▪ Acrobat Pro & Canvas Design