CHRISTOPHER J. WISHON

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Education

Arizona State University, Tempe, AZ   *Expected* May 2016
Current Ph.D. Student, Industrial Engineering
Courses: Optimization I, Fundamental Information Systems, Probability and Stochastic Processes

Northeastern University, Boston, MA   May 2011
Bachelor of Science in Industrial Engineering, Minor in Business Administration
GPA: 3.96
Honors: University Honors Program, Dean's List, Dean's Scholarship, Ferretti Scholarship
Courses: Stochastic Modeling, Engineering Economy, Operations Research, Facilities Planning, Eng'g
           Database Systems, Digital Simulation, Quality Assurance, Eng'g Prob. and Statistics
Activities: Institute of Industrial Engineers (VP 2009), College of Engineering Peer Mentor, Student Athlete
           Support Services Tutor, Tau Beta Pi (Engineering Honors Society)

Undergraduate Research

Academic Teaching and Learning Assistants Study (ATLAS)
The use of peers as 'quality managers' in engineering class instruction   May 2009 – June 2010
Purpose: Study effect of using undergraduate students in quality manager (QM) role for lab assignments.
           QMs were selected from students enrolled in the course and responsible for aiding peers during
           labs and testing lab instructions pre-lab. Surveyed and analyzed effect on professor relationship,
           class respect, learning retention for regular course and QMs. Presented results at American
           Society for Engineering Education 2010 annual conference.

Professional Work Experience

Beth Israel Deaconess Medical Center, Boston, MA   Apr. – Aug. 2011
Management Engineer III
- Compiled statistical data on surgical cases to aid senior management in planning decisions for new unit
- Completed and analyzed time motion study of nursing duties to provide insight in the creation of an
  electronic medication system for nurses and doctors
- Aided in logistics and planning for conference involving visiting foreign Lean experts

Raytheon Integrated Defense Systems, Andover, MA   Jan. – Aug. 2010
Co-op Quality Engineer
- Served as Patriot program quality support engineer primarily for the Pure Fleet program
- Participated in initiative to reduce process documentation in Incoming Inspection department
- Compiled and analyzed Patriot quality metrics highlighting production data and governmental audits for
  four programs in preparation for monthly leadership briefings
- Lead a team to complete a Raytheon Six Sigma project to automate completion of Patriot metrics

Beth Israel Deaconess Medical Center, Boston, MA   Jan. – June 2009
Co-op Lean Engineer
- Worked on a team to expand Lean fundamentals throughout the organization
- Planned and participated in Lean training sessions with executives and directors
- Performed Queuing analysis within Emergency Department to aid patient throughput
- Used Lean and 5S with hospital employees to increase efficiency, satisfaction, and safety in workplace

Sappi Fine Paper, Westbrook, ME   Jan. – June 2008
Co-op Process Engineer
- Used Six Sigma methodology to remedy defect in the paper which was defined as high yield opportunity
- Participated on team-oriented Kaizen projects to solve production and quality issues using gage
  capability analysis, control chart formulation, and design of experiments
- Utilized Minitab to analyze historical data to update centerlining/run sheets for major equipment