

Elizabeth Cilley Southerlan

70 Pacific Street #482C
Cambridge, MA 02139

ecilley@mit.edu

(720) 258-5029

EDUCATION

Massachusetts Institute of Technology, Cambridge, MA
School of Engineering & Sloan School of Management
Master of Science in Engineering and Management
System Design & Management Fellow

Feb 2013

The Pennsylvania State University, State College, PA
Bachelor of Science in Industrial Engineering
Life Science Concentration

2008

EXPERIENCE

Lean Advancement Initiative Lab, MIT, Cambridge, MA

2012-Present

Lead Graduate Student Researcher, Food Systems Project

- Use Enterprise Architecting principles to design a system that supports civilian reintegration for military veterans, involving healthcare, agriculture, education, and career placement.

Accenture, Denver, CO

Management Consultant

2009-2011

- Developed Accenture's first "Health Care Provider: Analytics" offering
 - Created roadmap and methodology for health provider to address the key requirements and activities necessary to support robust analytics
 - Supported sales and implementation of future Health Care Analytics projects, resulting in \$MM+ dollar in sales.
- Revamped operating methodologies for Accenture's Clinical Transformation asset by adding content pertaining to changes in health care policy, Accountable Care Organizations, population health, electronic health records, and meaningful use.
- Completed Analytic Assessments for two health care organizations focusing on 3 areas: organizational structure, technology architecture, and data governance. Both assessments resulted in sales of implementation projects totaling over \$1M.
 - Conducted interviews with operational and executive personnel
 - Assessed current state of business analytic capability
 - Developed and presented recommendations and implementation timeline
- Used process engineering expertise to implement lean principles for Fortune 500 retail firms and health care organizations.
 - Developed and presented business cases for process improvement recommendations to company executives.
 - Led teams made up of Accenture and client personnel, from all levels, to implement improvements.
 - Improved methods reduced labor and operating costs by over \$3M for retail firm and \$2M for healthcare organizations.

Consulting Analyst

2008-2009

- Wrote and implemented engineered standards and performed method analyses for 2 major retail firms resulting in operational savings of over \$2 MM for the firms.

LEADERSHIP

MIT 2012 Fall Career Fair Board of Directors: *Director, Week of Logistics*

2012-Present

System Design and Management 2012 Cohort, MIT: *Social Chair*

2012-Present

Women in System Design and Management (WiSDM) Conference Committee: *COO*

2012-Present

Management Consulting Health Care Community, Accenture: *Knowledge Management and Industry Resource Lead*

2010-2011

AWARDS & SKILLS

Ken Ernst Innovation Award, Accenture (project selected out of 280 applicants)

June 2012

Software: Microsoft Excel, PowerPoint, Word, Project, Visio, and Access

CERTIFICATIONS

Breakthrough Leaders Program for Sustainable Food Systems, University of Vermont

June 2012

Engineer in Training - Industrial Engineer (passed FE exam)

October 2007