

## LEO P. ESPINDLE

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### EDUCATION

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#### MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Cambridge, MA

Leaders for Global Operations (LGO) Fellow

2009-present

*Candidate for MBA, MIT School of Management, June 2011*

*Candidate for MS in Electrical Engineering and Computer Science, MIT School of Engineering, June 2011*

- Designed and launched popular academic track in Information and Decision Systems
- Volunteer consultant for Massachusetts General Hospital – using analytical results from schedule optimization to reduce patient waiting time by 84%; facilitating clinical team in implementation
- Active member of Sales Club and Mobile Technology Club

#### HARVARD UNIVERSITY

Cambridge, MA

*A.B. degree magna cum laude in Applied Mathematics*

2000-2004

- Earned departmental High Honors
- Elected member of Eminent Council, Sigma Alpha Epsilon fraternity: re-sparked commitment with inactive alumni and successfully raised \$50K to re-charter chapter after 40-year dormancy; chapter now thriving since 2002
- Elected president of Jordan Hall and representative to Pforzheimer House student council

### EXPERIENCE

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#### RAYTHEON CORPORATION

Andover, MA

*LGO Fellow – Integrated Defense Systems (IDS) Facilities/Operations*

February – August 2010

- Coached managers and operators on using new tools and processes (including real-time feedback loops) to drive energy efficient continuous improvement culture and reduce electricity waste by 44%
- Performed social network analysis to accelerate impact of change in engineering department
- Mentored non-engineering intern to identify \$24K of electricity waste in value stream using Six Sigma methodology

#### MIT LINCOLN LABORATORY

Lexington, MA

*Assistant Technical Staff*

2006-2009

- Managed high-visibility research projects: identified customer requirements, created project plan, formed team, tracked progress and generated technical reports; awarded FAA Certificate of Recognition for successful execution
- Designed, developed, and implemented FAA standard airspace model to inform new collision avoidance technologies by processing 22 million flight hours of data (~5 terabytes). Subsequent publication earned MIT Lincoln Laboratory Best Paper Award
- Guided non-engineering intern through successful data analysis project leading to her full-time hire
- Offered promotion to Associate Technical Staff, spring 2009

#### INTERMED ADVISORS

Arlington, MA

*Product Manager*

2004-2006

- Performed marketing activities to size and segment chronic disease market, identify and assess competitors, and define product features for targeted customers
- Managed team of four engineers to develop company's core telehealth product for enabling remote disease management in six months, on-budget
- Pitched prototype system to potential investors, customers and partners (U.S. and international) resulting in more than \$2M capital raised
- Wrote software and designed database structure to reliably store, analyze, and use patient data to automatically generate daily individualized patient feedback
- Collaborated with early adopters and partner organizations to add product features and refine user interface
- Spearheaded development of software quality assurance systems, leading to FDA medical device certification

### ACTIVITIES

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- Volunteer: Relay for Life "Top Fundraising New Team", Science, Technology and Math (STEM) initiative, ACES high school mentor, undergraduate MIT Gordon Engineering Leadership mentor, Lazarus House soup kitchen
- Recreation: terrible at variety of sports; connoisseur of fine '80s action movies; avid Boston sports fan