

Mark McDonald

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Building on a successful career in Financial and Technology leadership, I have recently completed a Harvard degree in Software Engineering with a certificate in Data Science. My objective is to combine my experience and technical skills in order to uncover hidden business trends, insights and efficiencies through the alignment of business processes with modern technical solutions. I have extensive experience as a professional manager in large and small companies and a proven hands-on collaborative approach to finding integrated and effective solutions.

EDUCATION

Harvard University

Masters in Software Engineering in Extension // **Certificate:** Data Science – May 2020

Dean's List Academic Achievement Award for Master's Graduates (GPA: 4.0)

Technologies/Coursework: Python, Java, C, Unix, SQL, AWS, Azure, Django, Flask, Spring, Docker, Deep Learning with Tensorflow/Keras, RaspberryPi, Computer Vision

Georgia State University

Master of Science, Computer Information Systems // **Focus:** E-Commerce / Project Management

Iowa State University

Bachelor of Business Administration, Accounting // **Minor:** German

Schiller International University - Heidelberg, Germany

Semester Abroad - International Business

EXPERIENCE

Director - Finance

Primetals Technologies USA (formerly Siemens Metals Technologies), Worcester, Massachusetts

Metallurgical Spares & Service (November 2013 – April 2017)

- Led financial organization of international service business segment covering multiple locations supporting Sales, Engineering and Manufacturing functions
- Implemented sales-driven "early-warning" management reporting system that provided advanced insights into developing market trends as well as areas of with potential problems
- Rolled out globally aligned transfer pricing policies that met statutory regulations and promoted collaboration between global entities
- Lowered new acquisition internal manufacturing costs by exploiting unused capacity
- Developed accurate cash and profit forecasting algorithms
- Working with manufacturing and procurement, developed approach to making "make-or-buy" decisions that optimized cost and delivery time
- Spearheaded and implemented digital transformation of financial services

Director - Process Management

Siemens Industry, Inc. – Metals Business Unit (May 2010 - October 2013), Worcester, Massachusetts

- Aligned business and financial processes across US and international locations
- Implemented “follow the sun” engineering process and supporting tools
- Led the integration of newly acquired businesses ensuring non-disruptive transition while preserving business value

Director – Global Projects / Mergers & Acquisitions

Siemens Industry, Inc. (August 2005 – May 2010), Canonsburg, PA / Worcester, MA

- Managed the integration of over a dozen newly acquired companies into the Siemens global landscape
- Tailored implementation approach for each company, preserving company value while realizing integration benefits as well as considering company culture and employee impact
- Performed Due Diligence for each acquisition highlighting hidden synergies, potential conflicts and initial implementation approach
- Directed the integration of shared services: Finance, Accounting, HR, IT, Banking, ERP(SAP) Applications, Travel Management
- Consulted executive management regarding “no-go” and strategic approaches

Chief Information Officer

Siemens Information & Communication Mobile (August 2003 – July 2005), Boca Raton, FL

- Managed the SAP and IT systems for company of 500 users in 13 locations
- Renegotiated outsourced support agreement increasing service levels and decreasing cost

Director of Regional Management

Siemens Information & Communication Mobile (April 2002 – July 2003), Munich, Germany

- Successfully rolled out a coordinated global IT strategy for international locations

Corporate Performance Controller

Siemens AG - Corporate Headquarters

Performance Controlling (November 1999 – Mar 2002), Munich, Germany

- Analyzed global business performance for shareholders and executive Board of Directors

TRAINING & SPECIAL SKILLS

- Harvard University Certificate in Data Science (2020)
- Graduate of the IMD Global Executive Program
- Siemens Management Qualification Training
- Fluent in English (native) and German
- Private Pilot License – Single Engine Aircraft