

EDUCATION

Northeastern University - Boston, MA

December 2023

Master of Business Administration

Dual Concentrations: International Management and Technological Entrepreneurship

Northeastern University- Boston, MA

May 2012

Bachelor of Science in Mechanical Engineering

CERTIFICATIONS

Atlassian

May 2024

Agile Project Management Professional Certificate

MITxPro

August 2019

Architecture and Systems Engineering Professional Certificate

Dassault Systèmes

April 2011

SolidWorks Certified Associate

PROFESSIONAL EXPERIENCE

Teradyne - North Reading, MA

March 2023 - Present

Mechanical Engineer- Silicon Photonics

- Worked with internal Innovation Lab to build and bring Silicon Photonics products to market, from concept to Initial Production
- Mentored Junior Engineers
- Managed Overseas Engineering efforts
- Participated in product management activities in developing strategy for Silicon Photonics product development

Thermo Fisher Scientific - Tewksbury, MA

November 2020 - March 2023

Senior Mechanical Engineer- Field and Safety Instruments

- Worked with Advanced R&D to design and prototype new LIBS, Raman, and Radiological Detection products
- Designed portable equipment for the biopharma industry
- Participated in all NPI activities as required, including workflow development

GCP Applied Technologies - Cambridge, MA

October 2018- November 2020

Senior Mechanical Engineer

- Led the end-to-end design and development of complex mechanical and electromechanical systems for the Verifi and Specialty Construction Chemicals business units, defining rigorous specifications for performance, manufacturability, and long-term maintainability.
 - Directed cross-functional programs using a hybrid Stage-Gate and Agile methodology, managing in-house teams and external partners to deliver products on time and within budget while navigating conflicting stakeholder requirements and budgetary constraints.
 - Spearheaded vendor selection and external partnerships, serving as the primary technical lead for vendor management and overseeing on-site alpha/beta testing phases to ensure seamless product commercialization and field service support.
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Technical and Management Skills

- Experienced and comfortable with managing engineering staff
- Utilized both the waterfall/stage gate methodologies using Microsoft project as well as agile project management via JIRA and Kanban
- Project management experience including managing contracts, contractors, budgets, and timelines in both Defense and Civilian roles
- SolidWorks user since SolidWorks 2007 including PDM
- Used a variety of PLM software including Teamcenter and Agile