

THOMAS B. HEYWARD

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EDUCATION

MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Cambridge, MA

Expected Jun. 2017

Master of Engineering in Logistics

Supply Chain Management Program - Fellowship Recipient, Class President

UNIVERSITY OF VIRGINIA, Charlottesville, VA

2001 - 2005

Bachelor of Science in Mechanical Engineering

Emphasis: Machine Design

WORK EXPERIENCE

CHEVRON DEEPWATER EXPLORATION AND PROJECTS, Houston, TX

Apr. 2013 – Jul. 2016

Project Engineer for Subsea Well Intervention Equipment

- Developed business cases and executed the contracts for fabrication of custom equipment packages integrated onto offshore drilling facilities.
- Authored technical sections of corporate funding request for \$89MM major capital project and successfully achieved approval from business unit leadership team.
- Authored technical specifications and scopes of work for bid packages. Thorough documents resulted in minimal change orders during execution such that no supplemental funding requests were needed.
- Conducted Request for Information engagements with equipment vendors and subsequent evaluation workshop to select preferred vendors for Invitation to Bid.
- Collaborated with supply chain and legal to negotiate contracts for procurement of equipment packages with a total value of \$28MM. Advocated successfully for terms and conditions to provide more vendor accountability of equipment reliability.
- Led multi-disciplinary team and managed contract execution with vendors including technical review and approval for multiple custom projects concurrently with a total value of \$26MM.
- Led monthly budget meeting with project team and submitted forecasts and summary status of \$89MM major capital project for business and capital allocation plans.
- Authored technical sections of two patent applications for which I am a named inventor. Both patents were granted by the United States Patent and Trademark Office.

CHEVRON ENERGY TECHNOLOGY COMPANY, Houston, TX

Jan. 2011 – Apr. 2013

Engineering Consultant for Subsea Equipment

- Provided engineering and project management support to global Chevron major capital projects. Established demand for my services to the extent that 100% of my time was billed to projects after only one year.
- Led technology development project for Gulf of Mexico business unit. Managed vendor equipment delivery and led implementation of new equipment and operation procedures with field technicians.
- Identified and implemented design improvements using lean sigma process to achieve 33% reduced time to perform offshore operations.

ABCO SUBSEA, Houston, TX

Engineering Supervisor

2009 – 2010

- Managed 10-person engineering department workflow and developed methods for improving department efficiency.
- Participated as member of company leadership team in offsite company strategy planning workshops.

Lead Engineer

2007 - 2009

- Managed new product development, which included failure analysis, product qualification, and testing.

Engineer

2005 – 2007

- Provided engineering support for existing product lines. Identified improved manufacturing techniques to reduce costs and increase ease of customization.
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ADDITIONAL SKILLS

Software – Microsoft Office Suite, MySQL, Tableau, Python, and JMP