

## **SELECTED EXPERIENCE**

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- Authored portfolio strategy defining growth & acquisition plans for solar, battery energy storage, and onshore wind submarkets (\$250M AUM, Takkion/Apollo Global Management)
- Prepared business and marketing plans & successfully advanced investment memorandums for (3) new petrochemical business ventures (\$100-300M/year earnings each, ExxonMobil Chemical Company)
- Defined & executed operations, commercial, & financial improvement, growth, & expansion plans for TP&L and GSS, post-close (\$170M, Takkion/Apollo Global Management)
- Developed and implemented project performance and incentive plans and led risk-based portfolio & project cost and schedule outlook updates for (\$100B CapEx) project portfolio (Exxon Mobil) which included investments in Gorgon-Jansz (Chevron), Longford (Esso Australia), Upper Zakum (ADNOC), Barzan (RasGas), LNG Shipping (China), and the legacy Scarborough FLNG (BHPB)
- Led development of commercial strategy & term-sheet (\$2B, 10 years) for source and produced water agreement (XTO Energy)
- Led development of commercial strategy & investment memorandum for 800MW Combined Cycle Gas Turbine power generation project (\$800M CapEx, XTO Energy)
- Led (18) member team to combine (2) business ventures (\$2B, \$500M/year earnings) spanning (6) global business units, capturing (\$200M) of incremental execution and operations savings (ExxonMobil Chemical Company)
- Led (5) member team, delivering negotiation parameters and term sheet for (\$6B, 30 years) third party sales & purchase agreement (ExxonMobil Refining & Supply)
- Developed divestment strategy for chemical unit (\$200M); identified (2) incremental process schematics, improving return and certainty of supply post-transaction close (ExxonMobil Chemical Company)
- Developed Environmental, Social, and Governance (ESG) strategy & execution framework for XTO Energy
- Evaluated commercial proposals, authored term sheet, and developed internal and external (with Angolan government) award recommendations for (\$600M) subsea equipment contract (Esso Angola)
- Overhauled Strategic Planning process & several operating departments including People/Talent Management and Brand Management & Marketing (\$250M AUM, Embrey Partners LLC)
- Developed dynamic financial model with scenario & sensitivity optionality, authored & executed turnaround strategy (\$70M, KCK Group, IAM Robotics)
- Performed financial, operations and commercial diligence for Renew Energy acquisition; led development of post-close integration plan (\$40M, Takkion/Apollo Global Management)
- Led efforts to convert all existing commercial agreements (\$5B) from transacting in US Dollars to Kwanza (Esso Angola)
- Designed a fully integrated three-part financial statements model to support strategic funding & Series C rounds (\$70M, Diligent Robotics)
- Overhauled commercial & pricing approach dramatically impacting top-line performance (Diligent Robotics)
- Led development of (\$40M) incentive plan for improved contractor performance (Longford, Esso Australia)

## **EDUCATION**

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**The University of Chicago Booth School of Business**, Master of Business Administration *with Honors* 2017  
**Purdue University College of Engineering**, B.S. Civil Engineering • 2018 Outstanding Young Alumnus 2006

## **WORK EXPERIENCE**

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<b>R Squared Advisors LLC, Co-Founder &amp; Managing Partner</b>	2021 - present
<i>Diligent Robotics, Strategic Advisor to CEO and VP of Strategy &amp; Finance (Series B &amp; C)</i>	10/21 - 3/23
<i>KCK Group, Strategic Advisor to IAM Robotics CEO during turnaround &amp; restructuring</i>	4/21 - 9/21
<i>Embrey Partners LLC, Strategic Advisor to CEO/CFO and VP of Business Operations</i>	4/21 - 7/22
<i>Riverway Group, Strategic Operations Advisor</i>	3/22 - present
<b>Takkion Holdings LLC, an Affiliate of Apollo Global Management, Vice President</b>	2020 - 2021
<b>Exxon Mobil Corporation</b>	2008 - 2019
<i>Commercial Opportunity Evaluation &amp; Analytics Advisor, Global Upstream Portfolio</i>	2019
Accountable for technical oversight of economic evaluations, financial forecasts, and risk analytics for strategic commercial decisions (transaction value +\$5B)	
<i>Unconventionals Water &amp; Power Programs Strategy Manager, XTO Energy Inc.</i>	2018 - 2019
Provided strategic operations planning leadership and expertise; accountable for long-term power generation strategy (900MW; natural gas, wind, and solar) & source and produced water strategy (2M+ bbl/day) for thirty-two production units (\$7B, 30+ years) across the Permian Basin	
<i>Strategic Ventures, Business Planner, ExxonMobil Chemical Company</i>	2016 - 2018
Provided strategic business planning leadership and expertise; responsible for business and marketing plans, economic and pricing models, and forecasting financials	
<i>Project Management &amp; Execution, Supervisor, Global Project Management</i>	2013 - 2016
Provided portfolio (\$100B CapEx) cost, planning, project controls, and contracting leadership and expertise; (30) direct reports among Houston, Melbourne, Perth, Abu Dhabi, Doha, and Singapore	
<i>Angola Kizomba Satellites (Deepwater) Project, Project Controls Lead, Esso Angola</i>	2011 - 2013
Provided project (\$5B CapEx) cost, planning, project controls, and contracting leadership and expertise; (10) direct reports among Houston, Bristol, Aberdeen, and Luanda	
<i>Papua New Guinea Liquefied Natural Gas (LNG) Project, Engineer, Esso Highlands Ltd.</i>	2008 - 2011
<b>Target Corporation, Engineer</b>	2007 - 2008
Oversaw construction of (4) new stores (\$120M CapEx); managed projects portfolio for (600) in-store Starbucks franchises	

## **PROFESSIONAL DESIGNATIONS & EXTRACURRICULAR ACTIVITIES**

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Licensed Professional Engineer (Active, Texas) • NCIF Cares Coach • Upstream Technical Training Instructor and Course Sponsor (8 yrs; Outstanding Instructor, 2015) • ExxonMobil Purdue University Recruiting Team, Recruiter and Guest Lecturer (10 yrs) • ExxonMobil Women's Network Mentor (9 yrs) • United Way Days of Caring Lead (2 yrs) • University of Chicago Booth School of Business Ambassador (5 yrs)