

FREDDY RODRIGUEZ

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EDUCATION

University of Houston, C. T. Bauer College of Business
Master of Science in Finance, GPA: 3.75/4.0

May 2023

University of Houston, Cullen College of Engineering
Bachelor of Science in Mechanical Engineering

July 2008

PROJECTS/ACADEMIC EXPERIENCE

Cougar Investment Fund LLC, C.T. Bauer College of Business

August 2021 - Present

Portfolio Manager & Analyst, Small-Mid Cap Value

- One of 17 students selected via rigorous application process to manage a \$12M equity portfolio (20 hour/week commitment)
- Utilize DCF models and bottom-up approach to value companies and make buy/sell recommendations and pitch recommendations to investment committee
- Conduct screening for new investment opportunities, monitor performance of existing positions held by Fund and ensure compliance with Fund's investment restrictions. Formally then present Fund performance to board of managers and investors

S.U.R.E. Program, C.T. Bauer College of Business

January 2022 - Present

Consultant to Local Entrepreneurs

- Provided candid feedback and support to aspiring business owners in producing viable business plans
- Learned critical soft skills including active listening, managing expectations, tactful feedback, and leadership

Advanced Corporate Valuation - Marriott International Corp. Restructuring Case Study

Fall 2020

- Worked with a team assessing business decisions and outcomes and presented results utilizing DCF valuation techniques, corporate restructuring, and dividend strategy for Marriott Corporation. Results lead to net increased valuations

Quantitative Analysis for Business –Multiple Plant Production vs Costs - Multi-Variate Linear Regression Models

Fall 2019

- Developed an understanding of modeling uncertainty by properly assessing data (i.e. what assumptions may be appropriate)
- Utilized multi-variate linear regression models to determine significant cost savings available to a manufacturing firm

EXPERIENCE

EXXONMOBIL CORP., Houston, TX

2018-2020

Project Engineer – Pipeline Improvement Initiative

- Multi-billion-dollar midstream replacement projects engineered to increase system reliability and capacity
- Project engineer responsible for engineering and procurement contract oversight. Included over 220 miles of ANSI 600 and 900 class industrial pipelines. Responsible for maintaining engineering within capital constraints. Budgeted value over \$100MM
- Provided Project with capital savings (approx. \$120K) by efficient early engineering design without impact to schedule
- Lead project with operations and engineering for surveying, geotech boring, and vendor pricing analysis

BECHTEL CORP., Houston, TX

2011-2016

Piping Field Engineer (2015-2016)

- Multi-billion dollar EPC regasification terminal to enable 25.8Mtpa of LNG export capacity for Cheniere Energy
- Provided engineering oversight to construction crews assembling a multi-million dollar gas distillation column, minimizing rework
- Material management of million dollar pressure vessels, spools, valves, preventing over \$80K in construction-related losses

Pipeline Engineer (2011-2015)

- Escondida Water Supply Project - Multi-billion dollar seawater desalination and pipeline transport project
- Responsible Engineer for executing datasheets, specifications, and technical bid evaluations on \$175MM of Line Pipe, \$3MM of check valves, \$0.75M of anchor flanges. Coordinated pipe manufacturing, line pipe welding, corrosion paint procedures
- Organized discussions with suppliers to problem solve technical, schedule, and cost challenges which lead to on-time execution

FLUOR DANIEL CORP., Sugar Land, TX

2008-2009

Pipeline Engineer and Coordinator

- Sakhalin Island Arkatun-Dagi Project, ExxonMobil (30% interest) lead consortium of stakeholders to produce 90,000 bpd of oil
- Developed pipeline engineering design deliverables including thermo-hydraulic report using PipelineStudio for 20" 35 km high pressure (4450 psi) for a produced water pipeline situated in extreme arctic conditions.
- Provided interface management among multi-disciplines by organizing meetings and trouble-shooted scheduling challenges

ADDITIONAL

- Conversational in Spanish and basic Portuguese
- Advanced in MS Excel as a quantitative and analytical tool