

FLOWSERVE CORPORATION, Moosic, PA
Design Engineer

October 2010 – February 2011

- Created, modified and updated pump parts pertaining to customer requirements using AutoCAD Mechanical.
- Reviewed customer contracts and resolved open commercial technical production issues.
- Specify direct modification of products to ensure conformance with engineering and design requirements.
- Coordinated activities of operational personnel to meet customer requirements.
- Generated technical reports for evaluation of rotating equipment via inspection and repair process.

PROJECTS

- **Finance - iPhone 6 Valuation (2015):**
 - Gathered inputs such as expected duration of cash flows, fixed and variable costs, working capital, WACC, etc. to develop a Discounted Cash Flow (DCF) analysis to calculate the Net Present Value (NPV).
 - Conducted sensitivity analysis using @Risk and Monte Carlo simulations which included Expected NPV, frequency distributions, summary statistics and sensitivity charts.
- **Finance - Capital Budgeting Analysis (2015):**
 - Collected inputs from various internal teams to create a DCF model for a next generation Motorola smartphone.
 - Calculated key valuation metrics such as the NPV and Internal Rate of Return and conducted a real option analysis using a decision tree for project feasibility.
- **Business Strategy Plan Simulation (2015):**
 - Winner of the simulation competition among 7 teams.
 - Managed a domestic simulated car company in a dynamic market competing for market share and profitability.
 - Orchestrated decisions across all functional areas of the business: marketing, research & development, production, distribution, and finance and executed the plan over several simulated years.
- **Brave Initiatives Marketing Plan (2016):**
 - Created a complete marketing plan for a non-profit start-up, Brave Initiatives, which empowers young women to be the agent of change through design thinking, self-efficacy and coding skills to alleviate a social issue.
 - The project included a thorough market analysis, strategic initiatives and specific tactics to increase the number of BraveCamps, students and funding by 50%.

EDUCATION

Masters of Engineering Management	Northwestern University	2015 – 2017 (expected March)
BS, Mechanical Engineering	Cleveland State University	2005 – 2010
Six Sigma Black Belt Trained	Motorola University	2015 - Present
Design for Six Sigma Green Belt	Motorola University	2014 - Present
Introduction to Mandarin	Motorola University	2014

ADDITIONAL INFORMATION

- Elected Student Advisory Board member as a Chair of Professional Development at Northwestern University's Masters in Engineering Management Program.
- Promoted to Executive Board Member of Students Today Alumni Tomorrow (STAT) at Cleveland State University.
- Awarded Rising Alumni of the Year award from the Alumni Association at Cleveland State University.
- Nominated by employer for 'Student Worker of the Year' award at Cleveland State University for the year 2009-2010 out of 2,000 student workers.
- Intramural Sports Champion of Table Tennis and Badminton at Cleveland State University for 2 consecutive years.
- Member of the Project Management Institute.