**Farid Amin**

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**EDUCATION**

**University of Massachusetts Amherst**

**Isenberg School of Management**

*Master of Science in Business Analytics*  Candidate, May 2022

* Cumulative GPA: 3.88
* Relevant coursework: Business Intelligence; Advanced Data Analytics; Business Application Development; Project Management; Financial & Managerial Accounting; Corporate Finance; Marketing Strategy; Python

**College of Engineering**

*Bachelor of Science in Mechanical & Industrial Engineering*  May 2021

* Cumulative GPA: 3.79; Dean’s List

**PROJECT EXPERIENCE**

**Project Management: Case Study Analysis & Commentary on Project Strategies Implemented by Team**

* Identified errors and wins within management, communication, and organization of CAA development of robotic arm
* Recommended organizational strategies and SWOT analysis to improve efficiency, accuracy, and quality of product in development, and implementation of work-structure break down via MS Project to outline timelines and deliverables

**Revenue Management: Case Study Analysis of Financial Impact of Bidding**

* Organized block bookings of new clients to ensure sufficient room for convention bid and prevention of revenue loss
* Conducted environmental and risk analysis of management concerns and forecasted revenue in event bid was not accepted
* Produced effective responses, solutions, strategies, and recommendations to obtain cross-departmental buy-in

**EMPLOYMENT**

**University of Massachusetts Amherst**

*Educational Assistant*  September 2020 - Present

* Tutor students in engineering and mathematics, proving instruction and resources to increase student success and retention
* Further leadership skills by serving as a mentor and assisting peers to set and attain timely, measurable goals
* Track and evaluate progress and achievements to assist with course correction when necessary

**Collins Aerospace** Windsor Locks, CT

*Engineering Intern, Product Development & Design* Summer 2020

* Designed and manufactured parts and mechanical assemblies for a diverse range of applications including Commercial Aviation, Light or Heavy Industrial, and Aerospace
* Fabricated parts using rapid prototyping machines, evaluating performance of prototypes in accordance with project plans
* Communicated frequently with international manufacturers in China, Japan and South Korea, maintaining deadlines for design, tooling, and production
* Used FMEA approach to identify possible failure modes and effects, prioritizing based on severity of consequences and frequency of occurrence

**PROFESSIONAL ASSOCIATIONS**

**Alpha Pi Mu Industrial Engineering Honor Society** May 2021 - Present

* Attend speaker series, field trips, and networking events to develop interest and knowledge in the field

**UMass Robotics Club** September 2020 - May 2021

* Increased experience in computer programming, electronics, and hardware design while building mining robot to compete in Lunabotics, NASA’s annual Robotic Mining Competition

**SKILLS**

*Computer*: Proficient in DBMS, SQL, Tableau, Python, R and R Studio, VBA for Excel, MS Advanced Excel with Power BI, Apple Swift, SAP Business Objects Analysis, SAP Predictive Analytics, Supervised & Unsupervised Machine Learning, MS Project, Harvard Business Publishing: Project Management Simulator

Programming Skills with Python: Programming Fundamentals (Iteration, Conditioning, Functions), Libraries (NumPy, Pandas, Matplotlib, Seaborn, Statsmodels, Scikit-learn), Jupyter/Colab Notebooks

*Other*: Storytelling & Visualization, Data Mining, Text Mining

*Leadership*: Rank of Eagle Scout