

RAFAEL MOY

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Engineer capable of undertaking complex assignments, applying practical and technical knowledge to deliver strong and effective results. Knowledge areas include:

- Process and Systems Optimization • Engineering design • Operations Research • Human Factors • Safety
- Strategic Planning • Forecasting • Project Management

PROFESSIONAL EXPERIENCE

Industrial Engineer

Justin Brands Inc. El Paso, TX
August 2014 – Present

- Responsible for development and evaluation of engineering solutions in a manufacturing facility, to yield an increase in efficiency and overall production throughout the production line. By implementing lean manufacturing techniques, ensured material availability as a result of a Pull, Kanban and additional strategies and systems designed to maintain adequate inventory levels for daily production.
- Established strategies and guidelines to reduce costs of implementation, while eliminating losses (time, resources) due to underproduction caused by bottlenecks present on production floor. Achieved a net reduction in material delivery time of 15–20% by eliminating unnecessary material movement along the plant. Elimination of bottlenecks in assembly line and establishing an improved floor layout resulted in a smooth and constant flow of material, reducing production times by 10%.

Recreation Leader

City of El Paso TX
June 2012 – Present

- Responsible for strategic planning of developmental and educational programming throughout city facilities to ensure a positive environment for the community. Led group of 25 volunteers and city employees to develop recreational programs aimed at improving and enriching the lives of the community. Programming has proved successful increasing number of participants from 400 to 1000+, resulting in revenue gains of 40% over the 2013-2014 fiscal year.
- Executed forecasting studies to determine feasibility of newly developed programs and optimal introduction time. As part of the studies, monitored pilot programs and determined changes as needed to ensure robustness and guarantee sustainability for determined periods of time.

Field Biologist

Miratek/GSRC El Paso, TX
July 2009 – March 2011

- Ensured that proposed locations for development of military training areas were in compliance with environmental restrictions, coordinating with engineering teams to minimize impact in undeveloped areas. Trough research performed, information and understanding was gained about endangered species in military areas and effects of military training, identifying key locations where land surveys were to be performed to track/protect species of concern, while delimiting and mapping sensitive areas such as archaeological sites.
- Coordinated with military officers to ensure safety of employees while performing duties in high risk and training areas, maintaining strong relationships to foster development of positive work practices and methods of involved parties.

EDUCATION

Bachelor of Science - Industrial Engineering
University of Texas at El Paso El Paso, TX

TECHNICAL SKILLS

- Program development
- Managerial / Organizational Experience
- Communication and mediating skills
- Proficient in Microsoft office suite
- Knowledge in design and simulation software

LANGUAGES

Fluency in English and Spanish