

WORK EXPERIENCE

MECHANICAL ENGINEER12/2016 - PRESENT

Detroit, MI

- Determines the technical feasibility of new product concepts and product redesigns to existing products
- Generates, accumulates, and disseminates technical data on products needed by internal and external customers
- Establishes and maintains successful partnership with teammates/customers and has excellent communication skills in order to convey information, express opinions, and motivate others
- Exhibit, and encourage others to exhibit behaviors and actions that: Build Trust, Drive Continuous Improvement, Focus on the End Customer and Set High Standards of Performance
- Tests the project’s programs to ensure they meet the specified sequences of operation and that they perform according to industry standards
- Works with facility management to resolve operational related issues and provide project management
- Engages with external service providers and engineering consultants on projects to communicate objectives, track progress and ensure deliverables align with business requirements
- Works with Corporate Real Estate (CRE) and lines of business on projects to ensure an understanding of business requirements and provide implementation support

MECHANICAL ENGINEER10/2010 - 11/2016

Los Angeles, CA

- Interfaces with IT on infrastructure changes to identify IT related impacts, mitigate issues, and develop optimal implementation plan
- Liaises with industry peers and professional associations to maintain current knowledge of industry developments and best practices
- Perform value engineering
- System level and sub-system design responsibilities in the development of concept explorations and technology investigations
- Create evaluation models and systems to assess performance investigations for various technology components and product features
- Interface across multiple disciplines (e.g. Program Management, Component Engineering, EE) in selection of devices for detailed development
- Interface directly with sub-system partners for design of and integration of technology components

EDUCATION

MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY - ENGINEERING EDUCATION CENTER2005 - 2009

Engineer’s Degree in Mechanical Engineering

PROFESSIONAL SKILLS

- Strong organization skills, interpersonal/team skills, good communication skills. Ability to work independently
- Strong decision making skills, interpersonal skills and problem resolution skills
- Strong interpersonal skills with excellent written and oral presentation skills for interfacing with customers, management, and engineering staff
- Excellent time and project management skills, excellent written and verbal communication skills
- Prior engineering project experience and/or internship experience involving mechanical engineering skills
- Effective prioritization skills with proven success in managing multiple priorities with varying deadlines
- Excellent technical writing skills, superior verbal communication skills