

JASON HALAC

Contact info can be found at jasonhalac.com

Summary of Qualifications: Highly motivated mechanical engineer seeking to grow in manufacturing and design engineering environment. Experienced in various engineering processes and project management. These including new product design, value engineering, manufacturing, sourcing and supply chain development, quality improvement utilizing six sigma, and manufacturing finance. Ability to work with and create technical documents and drawings. Bachelor of Science degree in mechanical engineering. Very hands on. Strong verbal and interpersonal skills. Large Spanish vocabulary.

Education: San Diego State University 5300 Campanile Dr.
Bachelor of Science in Mechanical Engineering San Diego, CA
August 2004

Professional Background:

Black and Decker - Hardware and Home Improvement (March 2005 – current), Project Engineer/AME

- Excelled in the Value Engineering department driving year over year productivity in an inflationary market through material reduction, redesign, and material substitution. Responsible for brainstorming, design, financial analysis of cost impact, and manufacturing implementation.
- Redesigned residential deadbolt latch for an \$800,000 cost savings that is compatible with current and legacy hardware. The design incorporated progressive die stamping, deep draw transfer press, and zinc die cast components. The innovative latch case adjustment mechanism was awarded a US patent.
- Served as the AME for new product launch of a biometric door lock. Coordinated manufacturing plan, pilot, and launch at our facility in Nogales, Mexico with an expedited schedule to meet customer commitments. Responsible for organizing cross functional team of sourcing, planning, marketing, quality, and production to deliver on commitments and exceed expectations.

Hamilton Sundstrand Power Systems (April 2002 – September 2003), Co-Op Internship

- Worked with project engineers and drafters to coordinate design change documentation with engineers from Embraer Aircraft of Brazil.
- Created mechanical design task reports along with senior design engineers investigating issues during testing.
- Coordinated electronic archival of engineering reports while assisting with engineering database management.

Skills:

Computer

- Extensive modeling and drafting with PRO/E (2001, Wildfire, Wildfire2), brief experience with SolidWorks, CATIA, and Unigraphics.
- Designed in a Pro/intralink environment.
- Stress analysis using Marc Mentat and Pro/Mechanica.
- Proficient with Microsoft Office suite including Microsoft Project.

Engineering

- Create engineering drawings to ANSI Y14.5 standards.
- Expert in BHMA (Builder Hardware Manufacturing Association) testing and qualification.
- Utilized Mfg-Pro MRP environment.

Leadership

- Served as the College of Engineering representative for the Associated Students of San Diego State University, an independent student-directed corporation with an annual operating budget of over \$15 million.

References:

Personal and Professional references provided upon request.