

# FIRST LAST

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## PROFESSIONAL EXPERIENCE

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**Resume Worded**, New York, NY

Jun 2018 – Present

### Senior Mechanical Engineer

- Managed a team of 30+ engineers and technicians effectively to deliver projects for three sites within targets.
- Implemented a process to ensure cost-effectiveness of repairs based on contract, saving \$750k total costs.
- Successfully managed new designs and engineering changes through the Change and Engineering Review Boards, utilizing analytical and persuasive skills to ensure that mission-critical changes are flight-worthy.
- Developed bid proposals for international sales by completing requirements, resulting in 20% new business.
- Improved factory efficiency by creating test plans for newly returned items, increasing the workflow by 40%.
- Increased production output of model 747 by 23% by implementing various Lean Manufacturing principles.
- Strategically created and developed a tuning device that reduced assembly time by 25% per existing machine.

**Growthsi**, New York, NY

Jan 2015 – May 2018

### Mechanical Engineer

- Obtained a 50% reduction in maintenance cost by maintaining a routine service program for all equipment.
- Reduced equipment downtime by 60% by performing routine maintenance inspections on all equipment.
- Provided timely and lasting solutions to equipment breakdown by conducting root cause analysis of mechanical and electrical failure and other unexpected maintenance, technical, and operational problems
- Decreased the cost and weight by 40% of a gigabit wireless product mount using practical modal analysis.

**Resume Worded**, San Francisco, CA

June 2008 – Dec 2014

### Junior Mechanical Engineer (Nov 2011 – Dec 2014)

- Met performance expectations by designing a mechanical system to calibrate a laser beam at 50  $\mu$ m accuracy.
- Attentively conducted thorough testing and validation procedures, gaining an overall job success rate of 91%.
- Established, maintained, and expanded productive relationships with 20+ overseas manufacturers to set up assembly lines while providing coordination for all processes involving packaging and final production.
- Proposed design improvements to improve company products while designing solutions to correct problems.

### Mechanical Engineer Intern (June 2008 – Oct 2011)

- Served as a member of three Cell Operating System transformations, contributing to fixtures/tools design, development, and manufacturing that helped achieved 14% improvement productivity in Resume Worded.
- Cut production cost of Backup Work Roll Aluminum Locking Rings by 50% through strategic planning.
- Reduced the number of abnormalities in operation by more than 40% by conducting thorough inspections.
- Increased efficiency, creating a savings of \$40,000+ annually through process improvement initiatives.

## EDUCATION

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**Resume Worded University**, San Francisco, CA

May 2014

Master of Engineering in Mechanical Engineering

**Resume Worded University**, San Francisco, CA

May 2008

Bachelor of Engineering in Mechanical Engineering

## SKILLS

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|-----------------------|-------------------------|--------------------------|---------------------|
| • Mechanical Design   | • Minitab               | • Autodesk Revit         | • Verilog           |
| • Conflict Resolution | • ReliaSoft Weibull++ 6 | • Bentley MicroStation   | • Adobe Illustrator |
| • Risk Management,    | • Autodesk AutoCAD      | • SOLIDWORKS             | • Microsoft Visio   |
| • Systems Design      | • Civil 3D              | • Microsoft Visual Basic | • SmugMug Flickr    |