



JONATHAN YAFFE

PRINCIPAL ENGINEER

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15 SECOND INTRO

Hands-on mechanical engineer who thinks outside the box. Self-directed problem solver and product development expert.

Has 19+ years of diverse and progressive engineering experience working in cross-functional teams to achieve engineering goals, including leading design, analysis, manufacturing, and testing of mechanical parts & electro-mechanical systems.

SKILLS

- **SolidWorks CAD**
21 yrs. design & analysis
- **Metal Manufacturing**
21 yrs. in hands-on roles
- **Project Management**
12+ yrs. leading projects
- **ISO 9001 & AS9100 QMS**
14+ yrs. policy experience
- **Lean Six Sigma Tools**
10+ yrs. application

KEY STRENGTHS

- **Self-Driven:** 2X promoted, 9+ yrs. entrepreneurship
- **Servant Leadership**
10+ LinkedIn / Facebook Recommendations
- **Mechanical Aptitude**
29+ yrs. auto projects

ENGINEERING EXPERIENCE

Current	Javelin Mech LLC	Principal Engineer
- 2014	(Privately held)	Automotive Product Development
<ul style="list-style-type: none">• Built small business Javelin Mech LLC from scratch (mechanical engineering services for automotive product development)• Developed business model, strategy, and marketing plan to attain 22 customers, with 80% retention for two or more projects• Have led design of 154 products, covering creation of ideas, 3D CAD models, detailed drawings, selection and specification of materials and finishes, creating BOMs, and vendor collaboration• Developed MyJavelin.com (engineering management platform) to manage engineering activities for customers and share data• Created internal Quality Management System, per ISO 9001 with over 45 documents covering all business operations• Hired, trained, and managed four employees from 2018-2020		
2014	New Mather Metals, Inc.	Paint & Assembly Engineer
- 2013	(NHK Spring USA, Inc.)	Automotive Manufacturing
2013	Intrex Aerospace	Sr. Manufacturing Engineer
- 2010	(Demmer Corp.)	Aerospace Manufacturing
2010	Sundyne Corporation	Manufacturing Engineer
- 2008	(United Technologies Corp.)	Industrial Pumps & Compressors
2008	James Engineering, Inc.	Design Engineer
- 2007	(Privately held)	Industrial Machine Design
2007	A.R. Wilfley & Sons, Inc.	CNC Machinist & Test Engineer
- 2005	(Privately held)	Industrial Pumps
2005	Case Logic, Inc.	Mechanical Designer
- 2004	(Thule Group)	Consumer Products

EDUCATION

B.S.M.E. • UNIVERSITY OF COLORADO AT BOULDER • 2000-2004
Society of Automotive Engineers: Formula & Mini-Baja Race Teams

RELEVANT TRAINING/CERTIFICATIONS

SolidWorks • Leader of Official Tucson [SolidWorks User Group](#)
Six Sigma • Green Belt/DMAIC; Value Stream Mapping
GD&T • ASME Y14.5M-R2018