0833, Hanford Drive, upertino, California, 95014	RAGHUVAMSH		650862956 <u>Raghuvamshi1392@gmail.cor</u> linkedin.com/in/raghu-201	<u>n</u>
as of expertise include:				
Product Development	Crash Testing	3D CAD Modeling	g • Mechanical [Design
DFM & DFA	• GD&T	Linear & Non-line	ear FEA • SolidWorks	
VORK EXPERIENCE				
lechanical Engineering Intern	MirraViz, CA	•	12/2019 - 3	•
			tion) on facets utilizing subroutin	nes
	nmended baffle angle (42 degr parts (injection molding, she		ing DFM and DFA from ideation	to
	Worked with local and overse		-	10
• Leveraged product design e		up to 10 folds of metal o	leposition between two facets w	vith
lechanical Engineering Intern	CertaSIM, LLC,	CA, USA	06/2019 - 12	2/2019
under quasi static punch she	ear loading		eling to examine material propert	
			gn review meetings & status repo	
University of Delaware. Gair	ed in-depth knowledge of ma	thematical constitutive n		
	ogressive damage and delamin model parameters by attaining		ication in composites under ballis	SUC
eaching Assistant	San Jose State Unive		08/2018 - 05	6/2019
-			examinations, reviewed stude	ent
	d work environment by maint	-		
echanical Engineer	Saint-Gobain		07/2014 - 10	•
cost. Employed documented	data to improve productivity	by 8%	rove quality and cut down mate	
sourcing, implementation ar	nd manufacturing support thro	ughout product lifecycle		
standards. Applied finite ele	ment analysis skills (ANSYS) to	reduce vibrations in pee	(SolidWorks) utilizing ASME GD larm arameters, adhesive thickness, f	
 Performed root cause analy thickness, temperature and 		J III yielu usilig DOL. Fa	inameters, aunesive thickness, i	
		dors (global and local) to	o monitor assembly line. Worked	on
-	erms solutions. Made changes	• •	-	
			VI's (TATA, HONDA, TOYOTA et	c.).
• Handled design, analysis an	, .	hardware to validate pr	oduct life cycle. Experienced in,	in-
	ng, FMEA, DOE, SPC, GD&T ar Saint-Gobain		07/2013 - 07	/2014
 echanical Engineer Used DEM (Design for Man) 			ensure low manufacturing cost a	•
			rent components to check reliabi	
	tool with help of SG R&D and	-		
cademic Projects				
aduate project on 'Drop Test Sim				•
			act loading using non-linear expl	icit
	Conduct parametric study on			
	ceClaim) are used to design an			/2010
cademic project on 'Flexure Streng • Conducted research and or			SJSU 08/2018 - 12 ting factors. Results within a 9	-
-	l, orientation has most impact		-	2 /0
cademic project on 'Design of Mirr		_		5/2018
	ngineering principles are used idWorks' was utilized. FEA too		anism for 'Optomechanical Syste un simulations	m',
ducation				
laster's of Science in Mechanical E achelor's in Mechanical Engineerin			dia	05/202 07/201
echnical Skills		,, <u> </u>		
	lidWorks		CREO	
ANSYS So	nuvvorks	 SPC & DOE 	• CREU	