

Sam Christensen

Mechanical & Manufacturing Engineer

727-312-6717

www.Christensen.Engineer

[LinkedIn.com/in/SamDChristensen](https://www.linkedin.com/in/SamDChristensen)

Samuel.David.Christensen@Gmail.com

Experience

Tesla, Closures Engineering Intern – Fremont, CA	7/2021 – Present
<ul style="list-style-type: none">Collaborated with world class vehicle engineering teams and key suppliers to develop Tesla's unrivaled vehicle lineSupported manufacturing efforts through analytical driven design optimization to achieve the highest levels of craftsmanship	
Lyons Motor Car, Mechanical Engineer – Brooklyn, NY	9/2020 – 7/2021
<ul style="list-style-type: none">Contributed remotely to a cross functional team responsible for the fit and finish of the premier hypercar, the Streamliner Super SportDeveloped 20% of vehicle part concepts into functional, manufacturable parts with acceptable tolerances	
Tesla, Mechanical Engineering Intern – Fremont, CA	1/2019 – 1/2020
<ul style="list-style-type: none">Engaged with a diverse team of engineers, data analysts, and techniciansEnsured operation of automotive manufacturing equipment to reduce cost while increasing unit production and improving safe working conditionsDesigned and installed improvements or established specifications and procured vendor provided solutions for production equipmentProjects led or assisted reduced weekly production downtime by 4 hours and eliminated an annual average of 5 safety incidents saving Tesla \$6.8 million yearly	
Texas Tech Engineering Department, Machine Shop Student Assistant – Lubbock, TX	1/2020 – 5/2020
<ul style="list-style-type: none">Assisted faculty with the fabrication of research equipment and supervision of students producing design projects facilitating \$10 million of research and the completion of 24 student designs with no safety incidents	6/2018 – 12/2018
Classic Mazda, Master Technician – Denton, TX	10/2010 – 5/2014
<ul style="list-style-type: none">Provided highest quality services and OEM new model support establishing a reputation for reliability leading to the highest manufacturer customer service rating in the region	

Education

MSc Manufacturing Engineering, Texas Tech University – GPA: 3.6	8/2020 – Present
<ul style="list-style-type: none">Anticipated Graduation: 5/2022	
BSc Mechanical Engineering, Texas Tech University – GPA: 3.6	5/2020
<ul style="list-style-type: none">Minor, Mathematics	
Automotive Technology, Lincoln College of Technology	9/2010
Formula SAE	

President	2017 – 2019
Aerodynamics Lead Designer	2016 – 2018

Certifications & Skills

Applications:	CATIA, SOLIDWORKS, Inventor, AutoCAD, MATLAB, LabVIEW, Arduino, Java, Confluence, Jira
Fabrication:	Additive Manufacturing, Composite Manufacturing, Manual Mill & Lathe, MIG & TIG Welding
Certifications:	ASE & Mazda Master Technician, Infiniti Engineering Academy 2018 US Finalist, Bell Helicopter Composite Production Training, RS Logix 5000 PLC Allen Bradley