Caleb Fuehrer

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**Objective**

To obtain a summer internship where I can contribute to a company while gaining valuable experience in my degree fields.

**Education**

New Mexico State University expected graduation: MAY 2020

Mechanical Engineering 2.83 GPA

**Extracurricular**

Intercollegiate Rocket Engineering Competition August 2017- Present

* Work with a team to build a rocket capable of carrying 4kg up to 10,000ft
* Study recovery systems, and materials to optimize performance and ensure safety
* Work with composites and epoxies to construct the fuselage to ensure strength while reducing cost
* Use CAD and other computer software to design the rocket and corresponding components

Prosthetic Hand Design January 2015 – March 2015

* Researched current designs, materials, and assembly techniques on current prosthetic hands available within the market
* Created a SolidWorks model of a mechanical finger and trouble shot the full assembly to ensure proper operation\
* Developed leadership, communication, and technical skills by working with a team of eighteen students towards developing a final prosthetic hand design

Ford AAA Competition April 2014

* Participated in a team automotive trouble shooting competition consisting of a practical and written exam
* Troubleshot a Ford Fiesta for various malfunctions composed of a variety of electrical issues including accelerator issues and a no-start condition
* Utilized a wide variety of standard automotive tools including multi-meters, wrenches, and test lights
* Completed a series of written questions to display a deep understanding of automotive mechanics and trouble codes
* Ranked within the top six automotive students within the state of Arizona

Lube Technician – Quality Lube and Tune March 2015 – April 2015

* Conducted a multitude of vehicle inspections including major fluids check and suspension joints, shocks and Flushed power steering fluid in order to clean and improve performance of power fluid system
* Maintained automotive shop cleanliness and organization

Various service jobs Summer of 2017 & 2018

* Worked solo and as a team to provide high quality customer service in an expedient manner