**CRAGUN SCOTT**

Cell: 801-458-2246 ▪ nugarc@live.com ▪ [www.linkedin.com/in/Cragun-T-Scott](http://www.linkedin.com/in/Cragun-T-Scott)

Mechanical Engineering Intern

| **Education** |
| --- |

**B.S., Mechanical Engineering** *Minor, Computer Science* December 2023

Utah State University, Logan, Utah GPA 3.71

* Maintained 3.71 GPA while working 15-30 hour a week job

| **Certificates** |
| --- |

Certified SolidWorks Associate (CSWA) Oct. 2019

| **Course Work and Engineering Projects** |
| --- |

**SolidWorks**

* Drafted an accurate assembly of a serve desk bell
* Reverse engineered a push/pull toggle clamp

**Trebuchet**

* Designed and built a pumpkin throwing trebuchet for North Logan pumpkin toss
* Lead a team of 7 in material planning, purchasing and assembly of throwing arm and weight bucket

**RC Sailboat**

* Planned, designed, built a Footy class RC sailboat as a team of 4
* Learned how to conduct design, structural analysis, and building processes

**School Projects**

* Worked on a machine design class team to design a gear reducer box for final project

**Personal Projects**

* Fixed up personal car by replacing oil, brake assemblies, timing belt, water pump, and interior upholstery
* Repurposed surplus military boxes for storage by sanding, welding hinges and patches, and painting

**Technical skills**

* Knows how to use woodworking power tools and welding equipment
* Operator of skid steer and mini excavation equipment

| **Work Experience** |
| --- |

**Engineering Assistant -** Space Dynamics Laboratory, North Logan, UT, June. 2021—Present

* Learned to follow written and oral procedures
* Developed greater 3D CAD modeling skills
* Lead the design, assembly, and testing of a customer program
* Gained Greater proficiency with Microsoft Excel and Word

**Hardscapes Installer -** A&D Landscaping, Smithfield, UT, Sept. 2020—April 2021

* Learned to operate machinery for excavation and material transport

**Framer -** Farrell Brothers Construction, Plain City, UT May 2020— Aug 2020

* Learned to read and follow residential home building blueprints
* Developed group communication and work skills

**Resident Assistant -** Utah State University, Logan, UT Aug. 2019—May 2020

* Mentored and provided resources to 30 residents
* Lead planning and execution of building wide programs

**Assistant Maintenance -** Utah State University Student Center, Logan, UT Jan. 2019— June 2019

* Learned how to fix and maintain HVAC units and other climate control systems
* Developed problem solving skills used to fix broken machinery

| **Leadership and Achievements** |
| --- |

Volunteer – Non-profit Church Organization, Richmond, Va.

* Developed strong work ethic by working 12 hours a day to achieve weekly goals
* Lead groups of 8 volunteers in their work and gave trainings on productivity and teaching skills
* Developed public and interpersonal communication skills

Eagle Scout Aug. 2014

* Lead a group of volunteers in re-digging, and preserving a drainage trench for a non-profit farm