**CRAGUN SCOTT**

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Mechanical Engineering Intern

| **Education** |
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**B.S., Mechanical Engineering** *Minor, Computer Science* May 2023

Utah State University, Logan, Utah GPA 3.73

* Maintained 3.73 GPA while working 15-30 hour a week job

| **Certificates** |
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Certified SolidWorks Associate (CSWA) Oct. 2019

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

**Personal Projects**

* Fixed up personal car by replacing fuel pump, brakes, oil, transmission work interior upholstery and panels
* 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** |
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**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

**Framer -** Farrell Brothers Construction, Plain City, UT March 2018—Aug. 2018

**Custodian -** Walquist Jr. High, Farr West, UT Aug. 2013—Feb. 2016

| **Leadership and Achievements** |
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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