**CRAGUN SCOTT**

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**Education**

**B.S., Mechanical Engineering** GPA 3.73

*Minor, Computer Science*

Utah State University, Logan, Utah May 2023

Maintained 3.73 GPA while working 20-30 hour a week job

**Certificates**

Certified SolidWorks Associate (CSWA) Oct. 2019

**Engineering Projects**

SolidWorks

* Created a precise replica assembly of a desk bell
* Reverse engineered a push/pull toggle clamp

Trebuchet

* Designed and built a trebuchet for North Logan pumpkin toss.
* Lead logistics and construction

RC Sailboat

* Planned, designed, built a Footy class RC sailboat as a team
* Learned how to work with as a design team for analysis, design, and building processes

**Personal Projects**

* Personal car maintenance and interior renovation
* Welded and repurposed military storage boxes

**Technical skills**

* Knows how to operate power tools and welding equipment
* Knows how to operate excavation equipment
* Experience with car repair

**Work Experience**

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

Installed decorative paving stones and other permanent fixtures for customers. Including prepwork, placement, and final installation of hard fixtures. Operated Machinery and assisted in sprinkler installation. Remodeled a master bathroom and built a pool house for customers.

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

& May 2020— Aug 2020

Worked on a framing crew and built new homes from the ground up. Framed the walls, floor systems, set trusses, sheathed the roof and exterior walls, and prepped the home for finishing crews. Used appropriate power tools to build. Helped remodel old homes. Built and finished decks.

**USU Student Center Assistant Maintenance -** Utah State University, Logan, UT,

Jan. 2019— June 2019

Performed basic maintenance tasks for the building. Fixed and Maintained air handlers, pumps, plumbing, HVAC units. Touched up and painted damaged walls. Worked with office personnel to fix, maintain, and customize office spaces. fixed broken furniture, and performed simple woodworking tasks.

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

Collaborate with other Resident Assistants within the building and around campus through creating informative programs and bulletin boards to help students become successful in transitioning to college. Mentored and provided resources to 30 residents on my floor and throughout the building. Work well under pressure as a Resident Assistant with emergency situations.

**Leadership and Achievements** Eagle Scout Aug. 2014