

# CLAYTON SKOUSEN

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## Professional Experience

- Jun 2023 - Current **Research Development Design Engineer**  
*Shawcor - Orkanger, Trøndelag, Norway*  
- Design parts and equipment for all of the Orkanger R&D teams.  
- Collaborate on potential manufacturing processes.  
- Test potential products for qualities determined by clients
- Dec 2019 - Jul 2021 **Fabrication Fellow**  
*MakerHealth - St. Luke's Hospital, Cedar Rapids IA, USA*  
- Instructed hospital staff in prototyping, testing, and producing +70 medical devices, 15 of which involved the prevention and containment of COVID-19.  
- Co-designed the Olsen Face Mask, a DIY PPE mask for home production.  
- Co-founded and advised on the Innovation Safety Committee at UnityPoint St. Luke's Hospital.
- Dec 2021 - Dec 2022 **Prototyping Technician**  
*NTNU: Industrial Design 3D Printing Lab - Trondheim, NO*  
Jan 2019 - May 2019 *USU: Outdoor Product Design Studio - Logan UT, USA*  
Aug 2015 - Jun 2018 *USU: Idea Factory and 3D Printing Lab - Logan UT, USA*  
- Instructed students on rapid prototyping methods, how to operating prototyping equipment, 3D modeling, and rendering  
- Advised in equipment purchases, pricing models and lab advertisements.
- May 2018 - Nov 2019 **Fabricator**  
*Spectrum Sports Int'l (SSI) - North Logan UT, USA*  
- Built 24-32ft (7.25-9.75 meter) trailers, rock climbing walls, and ziplines.  
- Instructed welders on the manufacturing processes for each SSI product.  
- Designed the in-house assembly process for SSI's line of camper trailers.
- Jul 2016 - Feb 2017 **Asst. Design Engineer**  
*Space Dynamics Laboratory (SDL) - North Logan UT, USA*  
- Modeled over 1,600 parts that met military and industrial standards.  
- Produced renderings of satellites for SDL's marketing team.

## Education

- Aug 2021 - May 2023 **ME: Industrial Design**  
*Norges Teknisk-Naturvitenskapelige Universitet (NTNU)*
- Aug 2011 - May 2019 **BS: Outdoor Product Design and Development**  
Minor: Entrepreneurship  
*Utah State University (USU)*

## Volunteer Work

- Jan 2017 - May 2019 **Volunteer Teaching Assistant**  
*English Learning Center - Logan UT, USA*  
- Assisted in teaching English to refugees, and immigrant (100+ hours).
- Jul 2012 - Jul 2014 **Full Time Missionary**  
*Church of Jesus Christ of Latter-day Saints - Queensland, AUS*  
- Organized and led theological training to improve teaching skills.  
- Supervised up to 26 missionaries in 2 language programs.  
- Humanitarian aid worker for Bundaberg Flood of 2013

## Grants, Certificates, and Awards

- 2020 **Grants**  
*St. Luke's Unity Point Foundation: Medical 3D printer iGrant*
- 2017 **Certifications**  
*Dassault Systems: Associate SolidWorks Certificate*
- 2017 **Awards**  
*KeyShot: KeyShot Render Competition Finalist*  
2017 *GrabCAD: Extreme Redesign Challenge Finalist*  
2011 *Boy Scouts of America: Eagle Scout*  
2011 *I-SWEEP International Science Fair: Bronze Award*

*"All of Clayton's designs were executed at a high level from a technical design perspective, but in most cases solved REAL problems or provided a new perspective. This is much needed in a world with too much stuff as it is. Clayton worked on products with purpose."*

- **Chase Anderson**  
Brand Manager for USU Outdoor  
Product Design & Development