

## Andrew J Furst

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### Software Competence:

- Autodesk Suite including Fusion 360 (CAD/CAM), Inventor, AutoCad, HSM Works
- Solidworks (cad/cam)
- 3D printer software including Cura, Pronterface/Printrun, Preform 3D, GrabCAD Print, Slic3r
- Laser cutter software including JobControl and CorelDRAW

### Experience:

#### UCSB-COE Machine Shop Assistant

January 2020 - Present

- Supervising and instructing ME12S
- Fabricating parts for students and professors (CAD/CAM)
- Cleaning/organization of machine shop
- Performing maintenance and repair on machine tools

#### Innovations Workshop-Workshop Wizard

December 2019 - Present

- Keeping the Innovations lab open during public hours
- Assisting staff and students on machines and fabrication
- Cleaning/organization of Innovations workshop and microfluidics lab
- Assisting in the design (CAD) aspect of staff/student projects
- Running training/instructional groups in lab

#### Beans & Brews - Barista

July 2018 - Sept 20th 2019

- Prepared drinks to customer standards
- Interacted and creating human bonds with customers
- Effectively communicated with patrons and coworkers
- Cleaned/organized lobby, kitchen, bathrooms, service counter

### Education:

#### Highland High School , SLC, UT

Aug 2015 - 2019

- Honor roll 4.0 unweighted GPA, class rank #1
- All honors, IB and AP classes
- Madrigals Choir
- Graduated valedictorian

#### UCSB, SB, CA

Sept 2019 - present

### Awards:

**USAT** (United States Archery Team)— Top 5 Olympic recurve Jr. archery ranking

Jan 2018-present

**JDT** (Junior Dream Team) — National junior Olympic archery team

March 2017-present

**Valedictorian** (Highland highschool 2019)