

WORK EXPERIENCE

- TRAYER ENGINEERING CORPORATION

SAN LEANDRO, CA

July 2015- Present

Laser Programmer/Operator:

December 2015

In Dec. I was given the opportunity to move from the brake press into operating the 3000W Trumpf laser full-time.

- Utilize laser programs that were generated in the engineering department at the time, and loaded the required material with a forklift.
- Calibrate and focus the laser multiple times a day, clean all cutting lenses to ensure an exceptional cut quality, and perform routine maintenance and emergency repairs on various systems of the machine.

In the beginning of 2016, due to the mechanical engineering department's workload, I took over all of the programming for the laser and brake press.

- From Solidworks full-unit model, itemize all of the necessary parts to be cut by material thickness and urgency in an Excel spreadsheet for the ease of programming and organization.
- Generate individual part files, nest them on appropriate sheets through CAD software, and generate bend-programming when applicable.
- Work very closely with upper management and the engineering department to correct any mistakes or discrepancies I find in the Solidworks model or drawings before they hit the production floor, ensuring a smooth trip through manufacturing.

I also became tasked with itemizing and ordering all raw material to be processed in my department, and now ensure that all needed material is ordered and shipped on time to meet our manufacturing needs.

Brake Press Operator and Floater:

July 2015

I began at Trayer as an assistant at the brake press and a floater.

- Lead the breaking down of completed stainless and mild steel material processed through the laser, and the organizing, deburring, chamfering, countersinking, and staging of material for processing at the brake press.

Three months later, I took the opportunity to be the full-time brake press operator.

- Lead the organization of the workflow of job orders in my area.
- Call up bend programs generated by the mechanical engineers, interpreted AutoCAD and Solidworks drawings, and then processed the various gauges of stainless and mild steel to tolerance.
- Troubleshoot bend programs through coordination with the engineering department and implementing necessary alterations to achieve the desired dimension.
- Stage completed material for processing in the weld department.

Education

August 2010-
June 2012

UNIVERSITY OF CALIFORNIA SANTA CRUZ
Bachelor of Arts in Studio Art

SANTA CRUZ, CA

August 2008-
June 2009

OTIS COLLEGE OF ART AND DESIGN
Toy Design and Digital Media

LOS ANGELES, CA

Certifications

- **Certified SolidWorks Associate (CSWA)** from Dassault Systèmes
- **Industrial Laser Safety Officer (ILSO)** from Compliance Training

Skill sets and Abilities

-Software: Solidworks, TruTops(CAD, Nest, Laser, Bend), Excel, Word, Made2Manage
-Industrial Counterbalanced Rider and Stand-up Forklift Proficiency

References Available Upon Request