

Ian Price

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OBJECTIVE

To acquire a full time Design Engineering/ Engineering Position that will utilize my experience obtained while working on my degree as well as prior job/ internship experience and will allow me to grow in my field.

EDUCATION

Anticipated Bachelor of Science in **Design Engineering Technology**, May 2020

Trine University, Angola, IN

GPA 3.08/4.00

- **Concentration in Plastics Engineering**
 - **Plastics Product Design**
 - **Polymer Structures Properties & Applications**
 - **Additive Manufacturing**
 - **DFMA**

Project Experience

- Senior Design Project: NASA Rover Challenge
- Designed all in one DC solar recharge system to take up minimal dock space for pneumatic boat lifts that uses a system of valves to raise and lower boats in areas where only floating docks are used due to varying water levels.
- Redesigned mounting arm and bracket for solar recharge kit.
- Reverse engineered propane tank valve using a CMM and GD&T concepts

ENGINEERING SKILLS

- Proficient in Solidworks.
- NX experience.
- Creo Introduction within an NX class.
- Feature Cam & G-code experience.
- Microsoft office – experience with excel.
- Experience blacksmithing as a hobby and with basic metal work.
- Fabrication knowledge gained from personal projects.
- Mechanical aptitude developed through working on cars, home restoration projects, and a personal interest in design and fabrication.

WORK HISTORY

Product Design Engineering Intern

May 2019-Present

Lake Lite Inc.

- Used engineering knowledge to design dock light housings, aluminum brackets, mounting plates, and buoys for cost effective manufacturing overseas.
- Kept production processes in mind during the design process to ensure products could be manufactured.

Production Operator

June 2018-January 2019

Genesis Plastics, Fortville, IN

- Manufactured sport and medical products using radio frequency welding techniques.
- Regularly tracked and managed inventory.

Process Operator

May 2017-August 2017

Klinge Coatings & Enameling, Indianapolis, IN

- Masked, sandblasted, and prepped military / medical parts for the painting process.
- Carefully processed products to be shipped.

HONORS & ACTIVITIES

Delta Chi Fraternity Member

Delta Chi Assistant Philanthropy (Jan 2018 - April 2018)

- Tracked hours for all brothers in the fraternity.
- Scheduled events and organized blood drive for all of campus.

National Society for Leadership and Success (2017 – Present)

Trine Rotaract Club (2018 – Present)