

ETHAN D. THACHER

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EDUCATION

University of Connecticut, Storrs, CT

Bachelor of Science, Mechanical Engineering

Graduated

May 2016

Presidential Scholar (Half Tuition Scholarship -Four Years)

GPA 2.81

Senior Design Capstone Project

Sep

2015 - May 2016

Worked with Stanadyne LLC to create a non-metallic transfer pump end cap for diesel fuel injection pump.

Performed material tests to gage the strengths of candidate materials.

WORK EXPERIENCE

Inova LLC, Gilderland, NY

Produced elements of multi functional space saving murphy beds.

Embraced lean manufacturing culture based around continuous improvement.

Led company wide (50-75 people) morning meetings on self researched topics.

Sustained cleanliness using 5S.

Sub-Assembly

Apr 2018 - Oct

2018

Maintained consistent part flow both individually and with others.

Adopted "fix what bugs you" mentality, constantly creating time-saving improvements.

CNC Machine Operator

Oct 2018 - Oct

2019

Operated and maintained 3 Axis horizontal and vertical wood milling centers.

Programmed parts to engineering specifications, focusing on program optimization.

Tracked and eliminated defects with a keen eye for detail, only passing acceptable parts.

Pierson Fine Art Services, Healdsburg, CA

Sep

2017 - Apr 2018

Engaged in processing and construction of high-quality wooden art panels.

Managed cleanliness and upkeep of large workshop.

Developed excellent finishing skills and attention to detail to adhere with strict quality guidelines.

Safari Energy, LLC, New York, NY

Dec 2013 -

Jan 2014

Researched and compiled list of nationwide potential clients for commercial-scale solar development based on consumption and energy cost.

Investigated differing conditions and incentives at state level.

QUALIFICATIONS

- Self-motivated and self-directed
- Very quick learner, especially with new technologies
- Strong written and interpersonal communication skills

COMPUTER SKILLS

Matlab and Simulink, Microsoft Office, SolidWorks, CAD/CAM

ACTIVITIES and INTERESTS

Cooking, Trivia, Woodworking, Skiing, Golf, Hockey, Softball