

CONNER DAHM

Mechanical Engineering



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conner-dahm

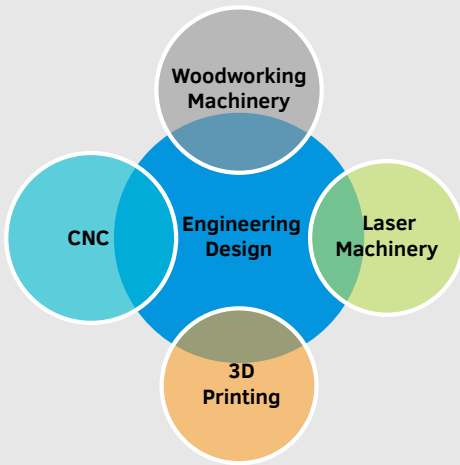


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/in/conner-dahm

Technical Skills — Hardware



Software

Novice —————> Expert

SolidWorks • AutoCAD

Adobe Photoshop • Adobe Illustrator

MATLAB

Education —

B.S., Mechanical Engineering (GPA: 3.4)

University of California, Irvine
2020 - 2024 | Irvine, California

Courses

Applied Thermodynamics
Materials + Structures
Engineering Design
Fluid Mechanics
Control Systems
Vibrations

Experience

Sep 2018 -
Present

Founder, Principal Design Engineer

Danville, California

- Launched design firm to manufacture customized uniforms, apparel, and engraved logos for sports enthusiasts
- Designed unique, high-quality deliverable products based on one-on-one discussions with clients
- Produced consumer goods on contract leveraging 3rd party and personal CAD, laser, and 3D printer equipment
- Lead educational workshops and private instruction on high-end manufacturing equipment, while serving as lead technician for manufacturing equipment

Jan 2019 -
Present

Mechanical Design Engineer

University of California, Irvine

- Created SolidWorks part files of *all* components for assembly of working electric guitar
- Fabricated electric guitar employing additive and subtractive manufacturing techniques along with CAD software
- Applications: SolidWorks, AutoCAD, Adobe Illustrator, Adobe Photoshop, CorelDRAW, TinkerCAD

Sep 2020 -
Present

NCAA Division-1 Men's Volleyball

Irvine, California

- Immersed in nationally ranked competition with intense six-hour daily workouts and practices promoting discipline and strong work ethic
- Employ team-building and leadership skills consistently from world-class mentors to apply to everyday situations

Sept 2019 -
Dec 2019

Trainer and Head Coach Assistant

Dublin, California

- Coached 150+ athletes over a four-month period. Focus on leadership, teamwork, and basic skill development
- Developed and delivered advanced skill training curriculum to individuals and small groups

Hard Skills

Sep 2017 -
Present

SolidWorks & AutoCAD

Danville, California

- SolidWorks CAD software: 100+ hours for individual mechanical product design
- Autodesk software programs: 300+ hours for architectural and product design

Aug 2017 -
Present

Adobe Illustrator & Adobe Photoshop

Danville, California

- Adobe software programs: 300+ hours for graphic and product design
- Instructed small groups and individuals on workings of Adobe software programs

Sept 2015 -
Present

Additive and Subtractive Manufacturing

Danville, California

- Manufacturing hardware: 500+ hours experience with Fused Deposition Modelling (3-D Printing), Laser Cutting, CNC Mill, Wood-working equipment

Soft Skills

Teamwork, Leadership, Communication, Emotional Intelligence, Adaptability, Creativity, Time Management, Motivation, Public Speaking, Presentation, Work Ethic, Social Skills, Non-verbal Communication, Design Aptitude, Innovation, Mentoring, Networking, Collaboration