



CONNER DAHM


Mechanical Engineering




(650) 996 8617



dahmconner.wixsite.com/
conner-dahm



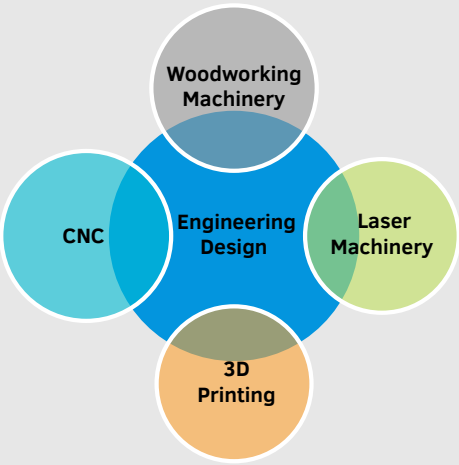
dahmc@uci.edu



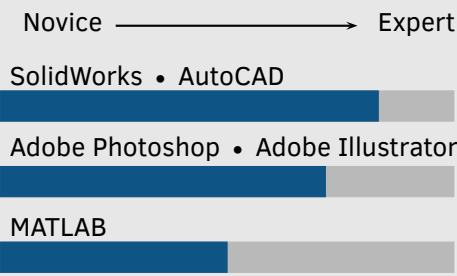
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Technical Skills

Hardware



Software



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 and produced unique, high-quality deliverable products on contract based on one-on-one discussions with clients by 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
- Dec 2022 - Present

Consultant Engineer LN4 Hand Project

Irvine, California

 - Assistant Engineer on the second generation of the LN4 prosthetic interface device
 - Fabricated prosthetic interface and design components employing additive and subtractive manufacturing techniques along with CAD software
 - Applications: SolidWorks, AutoCAD, CorelDRAW
- Sept 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

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, Work Ethic, Social Skills, Design Aptitude, Innovation, Networking, Collaboration