SEAN **HARTMANN**

PORTFOLIO
seanhartmann.design

Industrial Designer | Product Development and Fabrication

805-680-6334 | Sean3Hart@gmail.com | Auburn, AL

EDUCATION

Auburn University | Auburn, AL
Bachelor of Industrial Design
Expected December 2026 | Major GPA: 3.90

James Rumsey Technical Institute | Shepherdstown, WV
Construction Technology
2020 - 2021

EXPERIENCE

PlayCore — Auburn, AL
Design Intern — Jan 2026 - Present

- Organize product data from installation sheets, product catalogs, and internal databases to support development of playground design and configuration software.
- Processed and itemized information for **6,000+ playground products** in Microsoft Excel.
- Verify product dimensions by reviewing drawings in GT CAD (AutoCAD) against source documentation.

Auburn University Industrial Design Shop — Auburn, AL
Shop Technician Specialist — Aug 2025 - Present

- Supervise safe shop use for a program of **135+ Industrial Design students,** assisting with woodworking, metalworking, and machining equipment.
- Guide students in equipment setup and fabrication methods to support physical prototype construction.
- Maintain tools and work areas and enforce shop safety procedures during daily operations.

Hartmann LLC — Ojai, CA
Fabrication & Installation Technician — Jun 2021 - Jul 2023

- Machined steel and aluminum components on manual mills and lathes to tolerances as tight as **±0.001 in.**
- Fabricated handrails, stairs, ladders, window systems, and retail fixtures using machining, MIG welding, and CNC plasma cutting.
- Developed CAD geometry and fabricated parts for a **12 ft x 23 ft** operable window wall with **30+ unique components** and a custom mechanical crank system.
- Supported transport and on-site installation of architectural components with attention to dimensional accuracy, fit, finish, and safe assembly.

TECHNICAL SKILLS

Software:	SolidWorks, Fusion 360, GT CAD (AutoCAD), BobCAD/CAM, KeyShot, Vizcom, Adobe Illustrator, Adobe Photoshop, Microsoft Excel
Fabrication:	Manual milling, lathe machining, CNC machining, CNC plasma cutting, MIG welding, woodworking, metal fabrication, 3D printing, laser cutting
Design:	Concept development, sketching, prototyping, model making, technical drawings, material selection

HONORS AND AWARDS

Auburn Kaleidoscope Design Award — 2025
Juried award for Making Shapes Speak, selected by design professionals.

NCGA Division 1 National Champion — 2025
220 lb Weight Class | National Collegiate Grappling Association