Joshua Price

Industrial Designer + Digital Fabricator

Syracuse University ‘25

Bachelor of Industrial Design
Minor in Jewelry & Metalsmithing
Summa Cum Laude

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Skills

Onshape & SOLIDWORKS
Rhino SubD & NURBS
Parametric Modeling
Surface Modeling
KeyShot & Blender
Adobe Ps, Ai, Id
Sketching & Procreate

3D Printing
CNC Routing
Laser Cutting
Jig & Fixture Design
Woodworking
Metal Fabrication & MIG
Metal Lathe
Silversmithing
Casting & Moldmaking
Modelmaking

DFM & DFA
Assembly Documentation
Design Research
Client Collaboration

Awards

SU SOURCE Grant
The Digital Metalsmith
Principal Investigator
2024

Bert Rice Memorial Prize
For most promising 4th year.
SU Industrial Design Dept.
2024

Arthur Pulos Award
For most outstanding thesis.
SU Industrial Design Dept.
2025

IDSA Student Merit Award
Local winner, SU IDSA
2025

Experience

Adaptive Design Fabricator
Nov ‘25 – Present

Indera Adaptive Design, Syracuse NY

- Partner with children and families to design custom adaptive solutions as one of two designer/fabricators at a non-profit independent living center.
- Carry projects from concept through iteration and CAD to finished builds, designing for both manual and digital fabrication.
- Manage shop infrastructure, scaling and optimizing the 3D print farm and implementing organizational systems for all hardware.
- Planned and installed core equipment (table saw, miter saw, dust collection) and built shop fixtures including a drill press table and French cleat wall.
- Oversee weekly volunteer build sessions and coordinate volunteer work.

Studio Assistant & Instructor
May ‘23 – Present

Metal Morphosis Jewelry Studio, Syracuse NY

- Teach beginner to advanced silversmithing, including soldering, bezel setting, forming, and texturing.
- Design and lead multi-session workshops on lost-wax casting, wax carving, and cold enamel/resin techniques.

Adaptive Design Intern
2024 – 2025

Indera Adaptive Design, Syracuse NY

- Designed OpenTrek, an open-source posterior gait trainer for a child client, built from 3D printed parts, PVC, and a single standard screw size.
- Iterated through four prototypes with the family and occupational therapist, simplifying connectors for strength and easy assembly.
- Created a fully parametric CAD model that generates new sizes and cut lists.
- Designed 3D printed jigs and visual instructions so volunteers can cut, drill, and assemble with basic tools.

Industrial Design Intern
Summer 2024

Pride Mobility Products, Quantum R&D Division, Duryea PA

- Led concept development through iterative design reviews to modernize the form language of a legacy power wheelchair.
- Modeled manufacturable plastic parts in SOLIDWORKS using solid and surface techniques.
- Produced KeyShot renderings for final presentations.
- Constructed a full-scale appearance model for design review.

Shop Technician
Aug ‘23 – Sept ‘24

DesignWorks VPA Shops, Syracuse University

- Maintained FDM/SLA printers, laser cutters, and large-format plotters.
- Guided students through wood, metal, and digital fabrication projects.
- Designed and built shop organization systems and safety signage.