

Joshua Price

Industrial Designer + Digital Fabricator

Syracuse University '25

Bachelors of Industrial Design
Minor in Jewelry & Metalsmithing

✉ pricejzp@gmail.com

📁 jzpdesigns

🖱 jzpdesigns.com

Skills

Parametric Modelling
Surface Modelling
SOLIDWORKS & Rhino
Adobe Ps, Ai, Id
Procreate
Keyshot & Blender

3D Printing
Laser Cutting
Metal Fabrication
Modelmaking
Casting & Moldmaking
MIG Welding
Metal Lathe

Awards

Most Outstanding 2nd & 3rd Year Student

SU Industrial Design Dept.
2022, 2023

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

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.
- Created detailed 3D models using SOLIDWORKS, leveraging both solid and surface modeling techniques with a focus on manufacturable plastic part design.
- Produced high-quality KeyShot renderings for effective visualization and presentation of the final design.
- Constructed a full-scale appearance model to support visual evaluation and feedback.

Instructor & Welding Technician

May '23 - May '25

Metal Morphosis Jewelry Studio, Syracuse NY

- Taught beginner to advanced silversmithing classes, guiding students through the design and creation of finished sterling silver jewelry using techniques such as soldering, bezel setting, forming, sawing, and surface texturing.
- Designed and led multi-session workshops on lost-wax casting, wax carving, and cold enamel/resin techniques.
- Delivered permanent jewelry services using precision pulse arc welding; ensured safety and precision during customer fittings.

Shop Technician

Aug '23 - Sept '24

DesignWorks VPA Shops, Syracuse University

- Operated and maintained FDM and SLA 3D printers, laser cutters, and large-format plotters, ensuring fast turnaround and minimizing downtime through proactive maintenance.
- Supported students in planning and executing fabrication projects across wood, metal, and digital media, fostering hands-on learning and successful outcomes.
- Designed and fabricated custom organizational systems and safety signage, improving workflow efficiency and educational clarity within the shop environment.

Design Research Assistant

Jun '22 - Jun '23

Syracuse Office of Undergraduate Research

- Conducted extensive primary and secondary research on topics including sex and gender, AI ethics, child development, and racial equity in design.
- Synthesized findings into written briefs for integration into Designing for Sex and Gender Equity (Routledge, 2024).
- Networked with 30+ individuals to secure interviews on related research subjects. Applied research to craft relevant interview questions and conducted 10 Zoom interviews to be featured in the book.