

Hands-on fabricator with a Product Design degree, focused on build execution, CAD-driven design clarification, and supporting production through prototyping and fabrication.

**EXPERIENCE****BY J.WU** | *Co-Founder/Product Designer* | 2024 - Present

- Fabricated and prototyped lighting products and apparel from concept through production.
- Developed concept 3D models and used CAD (Rhino) to clarify assemblies and fabrication details.
- Produced basic drafting and manufacturing tech packs to communicate dimensions, materials, and construction intent.
- Led hands-on build work, material testing, and iterative prototyping to resolve fabrication challenges.
- Coordinated small-batch production with domestic and international manufacturers.
- Managed quick turn around projects from early design through fabrication, assembly, and launch.

**MARK JUPITER** | *Workshop Assistant* | 2023

- Maintained the workshop in operating condition - maintenance
- Assisted with early production of furniture - prep, assembly, delivery
- Identified and resolved shop issues to maintain workflow and production.

**SMILEY INC** | *Project Assistant* | 2022

- Assisted in the development of historical housing renovations
- Carpentry • Framing • Flooring • Landscaping • Decorative Finishes
- Demolition.

**FABRICATION**

- Wood Work • Non-Ferrous Metal Work • Leather Work • Sewing
- Basic Electrical (lighting components, wiring)
- CNC • 3D Printing • Laser Cutting

**DEVELOPEMENT**

- Translating design intent into build-ready details and assemblies
- Iterative prototyping to validate form, structure, and fabrication methods
- Refining designs based on material behavior, tooling limits, and production constraints.
- Drafting and clarifying dimensions, tolerances, and construction intent for fabrication.

**SOFTWARE**

- Rhino 8 • Solidworks • Key Shot • Photoshop • Illustrator • Indesign

**EDUCATION****PARSONS SCHOOL OF DESIGN** | BFA Product Design | 2022-2024*Department Honors**Student Merit Award - IDSA Finalist**Golden Prototype - Lotus Pendant Light*