

Skills

Product Development, Engineering, Documentation, and Production

- Conceptualizing, developing, prototyping, producing, and revising new products
- Managing files and systems, producing standard operating procedures, and developing Rhino 3D and Excel-based tools
- Creating wood part and subassembly production instructions
- Tracking product issues and implementing effective resolutions
- Practicing woodworking, refurbishing, finishing, machining, metal fabrication, and M.I.G. welding

2D and 3D Drafting & Design

- Sketching, rendering, and technical drawing (traditional and digital)
- Applying principles of ergonomics, human factors, and production logistics
- Utilizing 3D modeling and visualization tools: Adobe Creative Suite, Rhino 3D, KeyShot, and SolidWorks
- Developing frame designs and production build packets for production and procurement

Sales, Marketing, and Communication Support

- Applying cohesive brand identity, visual language, and creative direction
- Producing bills of material, prototype information sheets, 2D and 3D CADD for showroom layouts, and client-facing media
- Providing product customization validation, custom and standard request processing for pricing, and custom order documentation and engineering

Industry Experience

Verellen - Sole Fine Furnishing Manufacturing Engineer

February 2025 - Present

- Fine furniture development from full-scale initial prototyping to new product direction and migration into production
- Working system development aimed at informing and enabling production, employees, and customers
- Knowledgeable generation of standard and custom product documentation

Carr House L.L.C. - Furniture Design and Production

2021 - Present

- Refurbishment, design, and production of custom furnishings

Johnston Casuals Furniture Inc - Senior Internship

Summer 2022

- Metal furniture fabrication from blueprint through prototype to production of Jig and instruction for commercial manufacturing line

Education

Appalachian State University

December 2023

- Bachelor of Science in Industrial Design, Furniture Design Concentration
- Mechanical Design Certificate in SolidWorks

Achievements

ISFD Innovation+Design Competition

Fall 2022 / Spring 2023

- Winner of the student occasional storage category with the "Vice Box" standing bar cabinet
- Finalist in the student lighting category with the "Push" table lamp
- Finalist in the student seating category with the "Nine Piece low back cafe chair"

Bienstock Future Designer Summit

Fall 2022

- One of 47 international participants in the second annual summit
- One of five on the winning summit design charette team

Affiliations

International Society of Furniture Design (I.S.F.D.)

2020-Present

Board Member

2023 - Present

Student Board Member of the Bienstock Furniture Library

2020-2023

Industrial Designers Society of America (I.D.S.A.)

2020 - 2023