

jack kemper

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education

Rhode Island School of Design

BFA FURNITURE DESIGN 2025

experience

Design/Fabrication Intern

Observatory Design

PROVIDENCE, RI, 2024

Operating CNC router; Bent lamination; Plastic laminate and rubber; Basic woodworking including machine and hand tools; Fabricating large playground structure for museum installation

Designer/Fabricator

Cranston Propulsion Laboratories

CRANSTON, RI, 2024 - PRESENT

Metalwork including welding and machining; Injection molding and other plastic manufacturing methods; Casting and moldmaking

CNC Shop Monitor

RISD, PROVIDENCE, RI, 2023-2025

Machine operation; Cleaning and maintenance; Assisting with students' CAD and CAM files

Teaching Assistant

RISD, PROFESSOR LOTHAR WINDELS, 2023-2024

Assisting and teaching younger students; Critique; Design iteration; Monitoring / Maintaining freshman fabrication shop; Workshop on introductory electronics

Design/Fabrication Intern

Artless Corporation

LOS ANGELES, CA, 2023

Assisting with wood furniture fabrication and production; Design development and personal project

Wood & Metal Shop Monitor

RISD, 2022-2025

Shop maintenance; Cleaning and repair of machines; Assisting underclassmen / less experienced students with projects

exhibitions

Jonald Dudd, 2025

Starrett-Lehigh Building, NYC Design Week

RISD at ICFF Wanted Design, 2025

Javits Center, NYC Design Week

Songs of a Decoy, 2025

NYC Design Week

Is it Cake?, 2025

Woods Gerry Gallery, RISD, RI

select

coursework

CNC Mill Independent Study

INSTRUCTOR - WILL REEVES

RISD, WINTER 2025

CAD/CAM; Conversational milling; Complex workholding; Production runs; Milling molds for thermoplastic injection molding

Industrial Design Metals II

INSTRUCTOR - MICHAEL LYE

RISD, FALL 2024

Operating vertical mill; Operating lathe; Precision measurement; Producing and reading shop drawings

skills

Wood

Bent Lamination; Steambending, Hand Joinery; Turning; Routing; Staining/Finishing

Metal

CNC Programming; Vertical Milling; Lathe Milling; Welding (TIG/MIG); Moldmaking and Casting; Precision Measurement

Plastics

Injection Molding; Vacuum Forming; Extruding; Resin; Rubber; Fiberglass, Stamping/Compression Molding

Software

Rhino; Fusion360; Solidworks; Mastercam; Blender; Keyshot; AutoCAD; Sketchup; Adobe Suite, Rapid Prototyping (various)