

# jack kemper

jackkemper.net

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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 ICFE 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)