

# John "Jack" Duffy

Designer, Sculptor, and Printer

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## Education

### **Syracuse University, Syracuse, NY**

Bachelor of Industrial Design (BID)

- Majoring in Industrial and Interaction Design
- Minor in Sculpture

## Experience

### **Shop Technician**

#### **Syracuse University, Syracuse, New York**

September 2023 - Present

- Teach hundreds of students proper safety around power tools to stop new students from damaging equipment or themselves'
- Operate a dozen laser cutters, 3D printers, and plotter printers to help students with projects
- Manages 130 freshmen's first woodshop project and kept everyone safe while getting students' projects completed before a deadline
- Maintain dozens of machines and tools in order to greatly decrease complaints among users and maximize efficiency

### **Assistant Swim Coach**

#### **Old Orchard II Sharks Swim Team, Santa Clarita, California**

Summer 2021 and Summer 2022

- Taught 120 children from ages 3 to 16 water safety and swimming techniques everything from floating to butterfly
- Gathered swim times from every team in local league in order to access what events to place swimmers into for optimal point gain, were able to accurately predict outcomes of every meet entered even won a championship meet
- Organized 10 meets, helped designate jobs to parents and staffers, helped every child arrived on time for events and races, kept races running smooth and operational
- Entertained children, helped dozens of children want to learn to swim and motivated children to come back and continue swimming next year

## Skills

Physical Skills: Wood Work, Metal Work, Clay and Plasticine Sculpting, Plaster, Foam, Mill, Lathe, Welding, Stenciling, Block Printing, Screen Printing, Etching, FDM 3D Printing, SLA 3D Printing, Laser Cutting, Mold Making, Painting, Sketching, Model Making, Carving, Throwing Rocks

Digital Skills: Adobe Illustrator, Adobe Photoshop, Adobe InDesign, Adobe Dimension, Solidworks, Fusion 360, Keyshot, Figma, Python, Microsoft Office

Languages: English (Native), Spanish (Sparse)

## Interests

- Sculpting: Built sculptures as part of minor as well as gifts for family members and friends, I've created everything from whole environments viewers walk into to table top trinkets
- Printing: Whether its making a 7 ft by 3 ft relief print or stenciling shirts for friends, printing is a medium I've been most fulfilled with outside of design
- Woodworking: Recently learned hand chiseling along with lathe operation, created chairs, shelves, and tables, able to repeatedly craft dovetails and mortise and tenons by hand
- 3D Printing and CAD: Love to rapid prototype functional hand held objects with fits so precise pieces are able to hold together through friction fits
- Water Polo: Started playing in college, a fun game full of teamwork and strategy, recently became the Vice-President of Syracuse's club and started to plan scrimmages social events
- Cycling: Biking a primary mode of transportation, its a fun and healthy culture to be a part of and I've loved being a part of it