

Brayden Freitas

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TECHNICAL SKILLS

Woodworking

Fabrication

Dimensioning	● ● ● ● ●
Templating	● ● ● ● ●
Routing	● ● ● ● ●

Finishing

Sanding	● ● ● ● ●
Applying Finish	● ● ● ● ●
Trimming	● ● ● ● ●
Scraping	● ● ● ● ●

Milling

Hand Planing	● ● ● ● ●
Resawing	● ● ● ● ●
Jointing	● ● ● ● ●

Joinery

Lapping	● ● ● ● ●
Mitering	● ● ● ● ●
Box-jointing	● ● ● ● ●
Mortising and Tenoning	● ● ● ● ●
Dovetailing	● ● ● ● ●

Other

Computer

Excel/Microsoft Suite	● ● ● ● ●
CAD	● ● ● ● ●
Pathing/GCode	● ● ● ● ●

Multi-Material

3D Printing	● ● ● ● ●
Welding	● ● ● ● ●
Metal Machining	● ● ● ● ●

EXPERIENCE

Professional

Phoenix/M Property Management—Baltimore, MD

2021–2022 & 2024–Current

Carpenter and general maintenance worker for a small property management group in Fell's Point. Duties include designing and fabricating built-in renovations, repairing wooden structures and frames in historical homes, and also finish carpentry and drywall construction.

The University of Ottawa Physics Department—Ottawa, ON, Canada

2022–2024

Teaching assistant developing and teaching a physics undergraduate course. Also worked as a demonstration coordinator, fabricator, and repair technician for an introductory physics course.

The Canadian National Research Council—Ottawa, ON, Canada

2022–2024

Graduate researcher worker. Responsibilities also include creating custom acrylic-metal enclosures and constructing the physical lab space.

Volunteer

Velocipede—Baltimore, MD

2024–Current

Volunteer bicycle mechanic and instructor at the Baltimore non-profit bicycle co-op. Duties include instructing patrons on and assisting patrons with repairing their own bicycles, refurbishing and evaluating donation bicycles and parts, and tabling to promote the non-profit at events.

Re-Cycles—Ottawa, ON, Canada

2022–2024

Volunteer bicycle mechanic and instructor at the Ottawa bicycle co-op. Duties include instructing patrons on and assisting patrons with repairing their own bicycles, refurbishing and evaluating donation bicycles and parts, and matching patrons with appropriate refurbished bicycles which are for sale.

Ottawa Tool Library—Ottawa, ON, Canada

2022–2023

Volunteer safety and woodworking instructor at the Ottawa Tool Library non-profit. Duties include assisting with instructing safety classes, and helping design and teach a tripod lamp class (adapted from the previously-existing class at the Station North Tool Library in Baltimore, MD).