



Summary

Background in teaching rapid prototyping, designing instructional documentation, and hands on experience assembling manufacturing machines. Extensive experience with tools and machinery in various shop settings, as well as blueprint reading, GD&T, metrology, and inspection. Interest in understanding the interconnection of machine manufacturing design and implementation.

Recent Certifications

- NIMS Level 1 CNC Milling Operations - 2025
- OSHA General Industry (Manufacturing) Course - 2025
- NSCC Machinist Training Program - 2024
- NFPA Hot Work Safety Online Training – 2023

Education

Master of Science in Instructional Design and Technology, Georgia State University	2022
Bachelor of Business (BBA), Georgia Gwinnett College (<i>Honor Society Member</i>)	2012

Employment History

Procter & Gamble, Boston, MA 2025–Present

Precision Machine Assembly Technician

- Built integrated machine assemblies to blueprint and CAD (NX and Solidworks) specifications including various mechanical and pneumatic components on manufacturing equipment.
- Able to troubleshoot problematic parts/assemblies and modify when needed using a variety of bench tools and precision machinery.
- Understanding of general equipment maintenance and mechanical functioning.

Phillips Academy, Andover, MA 2022–2024

Makerspace Coordinator and Designer

- Offered project consulting and feedback on personal and academic designs and final products.
- Collaborated with faculty members to implement maker-based technology into curriculum.
- Designed workshops and facilitated trainings for students and their clubs.
- Maintained upkeep of makerspace equipment, tools, and physical space.

Digital Harbor Foundation, Baltimore, MD 2020–2021

Account Manager/Tech Center Maker Coach

- Managed National Science Foundation research project to increase access to equitable, culturally responsive maker-based technology and computer science programs for underserved youths.
- Provided instruction and mentorship to students, and contributed directly to the intellectual growth, emotional health, and overall well-being of program participants.

Georgia State University, Atlanta, GA 2017–2020

Assistant Manager of Experiential Learning Labs

- Focused on experiential learning opportunities and job readiness skills.
- Maintained student assistant training and professional development mentoring programs.
- Expanded outreach; developed online makerspace resources.
- Coordinated annual event for the Atlanta Science Festival.
- Spoke at the CDC Innovation Forum.



Other Relevant Work Experience

Fabricator

Mutiny, Detroit, MI *September 2024 – Present (intermittent)*
Helping Andy Didorosi to build and fabricate unique projects, including filming on location in Idaho for Scrapyrd Kings and Michigan for @thatdetroitandy online platforms.

Pit Crew and Builder

NHRL, Norwalk, CT *December 2022 – Present (intermittent)*
Battlebots, Los Angeles, CA and Las Vegas, NV *October 2020 – October 2022 (intermittent)*
Assisting multiple teams across different weight classes in various functions for competitive combat robotics. Including necessary repairs, sourcing parts onsite, and troubleshooting. Designed and built for 1lb-3lb weight classes using Fusion 360.

Lathe Machinist

Union Machine, Groveland, MA *March-May 2025*
Setup and operated machines, adjusting program as needed to maintain quality and correct tolerancing. Created instructional documentation to support machining best practices.

Head of Expo

Open Sauce, San Francisco, CA *April – June 2024*
Collaborated with Open Sauce staff to communicate and coordinate with event exhibitors. Reviewed and approved exhibitor applications. Discussed and addressed needed accommodations and requirements prior to event and onsite while leading small team.