

AUSTIN THOMPSON

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SUMMARY OF QUALIFICATIONS AND PROFICIENCIES

- **Part Modeling:** SolidWorks, SolidEdge, GlobalMAX LAYOUT, LightBurn, Cura, and Blender
- **Programming:** C++, Python, G-Code
- **Software:** Google Workspace, Microsoft 365, Basecamp, and GitHub
- **Hardware:** Building, Assembling, and repairing PCs and electronics

MACHINING AND FABRICATION EXPERIENCE

The Joel R. Anderson Center for Innovation and Entrepreneurial Studies (The Generator)

University of North Alabama, Florence, Alabama

Volunteer Technical Assistant, February 2024 - Present

- Operating and programming a waterjet cutter, CO2/fiber laser cutters, and 3D Printers
- Fabricating from raw metal, hardwoods, plastics, and composite materials
- Mentoring students on using equipment safely and tackling problems intelligently

Independent Restoration and Fabrication

Freelance Fabricator, 2019 - Present

- TIG/MIG welding, Sandblasting, powder coating, glass cutting, airbrushing, soldering, electronic restorations, antique restorations, and large-scale woodworking

B.E.S.T. Robotics

Covenant Christian School, Tuscumbia, Alabama

Team Leader (CEO), Fall 2020

CAD Leader, Fall 2019 - Fall 2020

- Created 3D models, drawings, and engineering notebooks for complex assemblies
- Designed, fabricated, tested, and operated robotics
- Served previously as CAD Team Member, 2016 – 2019

WORK EXPERIENCE

Listerhill Credit Union

IT Systems Specialist, Muscle Shoals, Alabama

Full-Time, July 2024 - Present

- Deploying, testing, modifying, and maintaining made-in-house software
- Creating programs using common and proprietary programming languages

Cook's Pest Control

Cook's IT Department, Decatur, Alabama

Hardware Technician Intern, February 2024 - June 2024

- Repaired ruggedized field equipment, specifically Sentricon Scout systems
- Disassembled and set up large quantities of computers, laptops, phones, and tablets

Mitchell Grocery Corporation

Foodland Plus, Muscle Shoals, Alabama

Stocker, Cashier, Dairy Assistant Manager, May 2016 - October 2021

EDUCATION

University of North Alabama, 2021 - 2024

Bachelor of Science in Computer Science, Florence, Alabama

Minor: Cybersecurity