

Brason Young

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SKILLS

- **Programming & Data:** Python, Pandas, basic SQL, data analysis, scripting for automation
- **Engineering & Design:** Autodesk Fusion 360 (CAD/CAM), 3D modeling, toolpath generation
- **Fabrication & Prototyping:** Custom CNC router design/build, G-code, machine setup
- **Systems & Hardware:** Basic electronics wiring, stepper/servo motor integration
- **Team Management:** small-team leadership, scheduling, process optimization

EDUCATION

Bachelor of Science in Engineering Management Systems — Expected Dec 2026
Arkansas State University, Little Rock, AR

EXPERIENCE

Turf-Master – North Little Rock, AR

Commercial Property Maintenance Specialist | May 2017 – Present

- Maintain large commercial and residential development properties (20+ acres), ensuring clean, safe, and compliance with state guidelines.
- Plan routes and schedules to maximize efficiency and reduce fuel and maintenance costs.
- Operate, maintain, and repair commercial mowers, trimmers, and related equipment.

EXTRACURRICULAR

Stock Market Simulation — Baptist Prep | Jan 2020 – May 2022

- Ranked among top five teams (out of 2,700 nationwide) for two consecutive years.
- Worked on a 4-person team to research companies, build strategies, and present investment ideas.

PROJECTS

Custom CNC Router — 2019 – Present

- Designed a full custom CNC router in Fusion 360, including frame, motion system, and electronics mounting.
- Fabricated parts, assembled mechanics, and wired servo motors, drivers, power supplies, and control electronics.
- Created a custom Fusion 360 post-processor and learned G-code to cut parts with high accuracy and repeatability.

AI StockTrading Algorithm — 2021 – Present

- Building a Python-based trading tool integrating Interactive Brokers (IBKR), YouTube data, and custom algorithms.
- Developed a modern desktop UI using customtkinter with an SQLite-backed data pipeline and automated data collection.