

Joe Smith

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EDUCATION

Western Kentucky University

Bachelor of Science/Arts, Major

Manufacturing Engineering Technology

Bowling Green, KY

Expected Graduation – Dec. 2024

RELEVANT COURSEWORK

- Automated Systems
- Intro to Manufacturing Methods
- Architectural Drafting
- Project Management
- Basic Electricity
- Robotics
- System Design & Operation
- Lean & Supply Chain Systems

SKILLS

- **Technical Skills:** Operated heavy machinery and equipment such as a Haas Mill, lathes, router, and plasma cutter; utilized software such as AutoCAD, Solidworks, and Bob CAM.
- **Analytical Skills:** Researched and operated inoperable plasma cutter; disassembled and reassembled back to working condition.
- **Communication Skills:** Worked collaboratively with numerous partners and groups in various classes; researched and presented projects to peers and operated various machineries in class.
- **Safety Skills:** Understood and applied safety regulations and procedures when operating mills, lathes, and other heavy machinery in the field of Manufacturing Engineering technology; understood the steps to safely operate and repair various machines.

RELEVANT EXPERIENCE

TechNovalist Manufacturing

Manufacturing Engineering Intern

Bowling Green, KY

March 2023 – Present

- Assist engineers with designing and testing manufacturing processes.
- Collect and analyze production data to identify inefficiencies.
- Help with CAD modeling and updating technical drawings.
- Support continuous improvement projects on the shop floor.

ADDITIONAL EXPERIENCE

Bakersfield School

Summer Counselor

Bakersfield, CA

Summer 2022

- Assisted classroom teacher in various tasks with kids ages 2-9
- Served as substitute assistant for a classroom of 25 students
- Communicated with other staff members (at the direction of lead teacher) any specific issues, concerns, or problems a given student was experiencing.

Western Carolina University

Camera Operator

Greenville, NC

August 2019 – May 2020

- Operated camera equipment for sports events and other activities
- Set up cameras, strike cameras, and various set-up shots for cameras
- Assisted in promotional work
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INVOLVEMENT EXPERIENCE

Intercultural Student Engagement Center, Western Kentucky University, *Member*

August 2020 – Present

- Attend campus events, workshops, and networking opportunities to promote student involvement
- Collaborate with peers and campus staff to foster a sense of community and inclusiveness

PROJECT EXPERIENCE

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| Senior Capstone Project, <i>Architectural Drafting</i> | September 2024 |
| <ul style="list-style-type: none">Led a team of four students design and optimize an automated assembly line for a mock manufacturing company, focusing on improving efficiency, reducing waste, and integrating lean manufacturing principles. | |

HONORS AND AWARDS

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| Gregory Leadership Award, <i>Intercultural Student Engagement Center</i> | March 2023 |
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