

LOGAN BOWSER

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EXPERIENCE

Engineering Technology/Advanced Manufacturing Lab Manager | St Johns River State College Present – May 2024

Operate and maintain automated assembly lines (Festo CP Lab with MES4), overseeing SPC, scrap rates, and duty cycles; manage and program industrial robots, PLCs, and CNC milling systems

Build, repair, and instruct on hydraulic, pneumatic, mechanical drive, and AC/DC electrical systems, integrating hands-on training for engineering technology students

Oversee 3D printing operations, including 3D modeling, slicing, printing, post-processing, and maintain CAD/CAM workflows for lab projects and student instruction

Manage full lab operations including parts procurement, inventory control, equipment maintenance, system diagnostics, hardware replacement, and detailed data recording

Small Scale Logistics Courier | DoorDash - GrubHub - UberEats January 2021 – April 2024

Acquired customer requested goods and delivered within a timely manner. Efficiently coordinated orders across multiple delivery platforms.

Private Resort Security/Maintenance | Ko Olina Aloha Team Security February 2019 – July 2020

Patrolled resort property and enforced safety protocols. Maintained/repaired company assets and grounds.

EDUCATION

AS Engineering Technology, May 2024 | St Johns River State College

Additional Coursework: Computer Science – 21 credits

CERTIFICATES

MSSC Quality Practices & Measurements CPT 4.0

MSSC Manufacturing Processes & Production CPT 4.0

MSSC Safety CPT 4.0

St Johns River State College Engineering Technology Support, Mechatronics, and Robotic Simulation

KUKA College Robot Operation PRO KSS 8.x

SKILLS

- Mechatronics
- Process Control
- Hydraulics/Pneumatics
- Computer Aided Design
- Lean Six Sigma
- Aerodynamics
- Chain/Belt/Gear Drivetrains
- AC/DC Electronics
- Robotic Programming
- Mechanical Diagnostics
- Industrial Manufacturing
- Computer Software
- PLC Programming
- 3D Printing
- CNC Milling
- Electric Motors
- Automotive Mechanics
- Computer Hardware