Wyatt Bonno

Model Y General Assembly Equipment Maintenance Technician

PROFILE

-Results-driven Equipment Maintenance Technician with a strong work ethic and exceptional technical and leadership skills.

-Demonstrated leadership in acting lead roles, training others on complex systems, and managing preventive/corrective maintenance across diverse hardware and software.

-Tesla START program graduate with broad expertise in electrical (24-48VDC), mechanical, hydraulic, pneumatic, and robotic technologies.

-Excel at interpreting electrical schematics, calibrating advanced sensors and laser scanners, and diagnosing/repairing production equipment to minimize downtime in fast-paced assembly environments.

EXPERIENCE

Equipment Maintenance Technician, Tesla; Austin, Tx — May 2025- Present
- Serve as acting Lead Technician for Model Y General Assembly Night Shift AGV Trim Area, fully executing lead duties including assigning tasks to a team of 4, prioritizing repairs, tracking fleet maintenance needs, updating Confluence pages and spreadsheets, and resolving production-impacting AGV issues in real time.

- Troubleshoot, repair, and maintain Automated Guided Vehicles (AGVs), performing corrective and preventive maintenance on electrical (24-48VDC), mechanical, and sensor systems to minimize production downtime.

- Led rapid repairs on production-down equipment across General Assembly, assisting surge efforts to recover malfunctioning assets and maintain output targets during peak hours.

- Interpret electrical schematics daily to diagnose faults, trace wiring issues, and execute precise repairs on complex systems

- Calibrate magnetic sensors, data matrix positioning systems, and proximity laser scanners using specialized software, ensuring accurate AGV navigation and operational reliability.

- Collaborate with engineering teams to troubleshoot and successfully implement upgrades to the Profinet industrial communication network, improving data integrity and system performance.

- Completed the Tesla START Manufacturing Technician program, building foundational expertise in electrical, mechanical, hydraulic, pneumatic, and robotic systems.

Production Associate, Tesla; Austin, Tx — October 2023- May 2025
- Utilized expertise to train coworkers on workstation operations in the General Assembly trim 1 area, ensuring efficient workflow and quality production.

- Began in the thermal bar subassembly of trim 2, where I learned to assemble components of the thermal management system.

- Demonstrated exceptional leadership skills by taking charge of teaching stations 110-140 in the Hydraulic Control Unit subassembly, resulting in significant improvements in quality control and reduced errors.

- Developed a keen attention to detail, ensuring all components were assembled correctly and defects were minimized to prevent non-conformities and cross-threading.

- Collaborated with team members to troubleshoot issues, implement process improvements, and maintain a high level of quality assurance.

- Acquired specialized training and developed essential skills to achieve certification as a workstation trainer, serving as a key resource for mentoring colleagues and teaching best practices in operational procedures.

Packer, Amazon; Austin, Tx — June 2023- October 2023
- Demonstrated attention to detail in the construction of packages, implementing efficient packing procedures that maximized space utilization while ensuring product integrity.

- Scanned and packaged a diverse range of merchandise, consistently maintaining accuracy and packing rates above company standards.

- Reduced packaging material waste by implementing strategic packaging techniques, supporting company sustainability while maintaining product protection.

Unloader, UPS; Buford, Ga — September 2022- June 2023
- Unloaded packages from commercial transport vehicles, safely managing merchandise exceeding 50 pounds while maintaining proper lifting techniques to prevent product damage.

- Implemented strategic placement of packages onto automated conveyor systems, ensuring optimal scanning alignment and seamless distribution throughout the facility.

- Implemented comprehensive quality control by promptly identifying compromised packaging and performing corrective interventions.

- Maintained consistent productivity metrics while adhering to strict safety guidelines, contributing to department efficiency targets and workplace injury prevention initiatives.

Researcher, Kennesaw State University; Kennesaw, Ga — August 2022- May 2023
- Supported software development and data collection efforts in the Blockchain security research group and the B.A.T (Brain Augmentation Technology) research lab.

- Collaborated with research teams to collect, validate, and organize data sets through software, directly contributing to successful grant applications and peer-reviewed publications.

- Developed and maintained robust data management pipelines to streamline the collection, processing, and analysis of EEG (electroencephalogram) datasets from study participants, ensuring high accuracy and efficiency.

- Accurately identified and classified attention and distraction states in participants during simulated driving scenarios, utilizing spectral analysis of EEG signals to derive actionable insights for enhancing driver safety and performance.

- Designed and implemented smart contracts in Solidity to illustrate key vulnerabilities such as reentrancy and overflow/underflow, while integrating remediation strategies to foster robust blockchain security practices.

- Demonstrated exceptional time management capabilities by consistently meeting demanding deadlines for complex analytical reports.

- Transformed extensive datasets into compelling visual representations.

- Leveraged advanced data visualization techniques to identify emerging patterns and trends.

Shed Installer, Backyard Products; Anacortes, Wa — February 2022- August 2022
- Established effective client communication channels, ensuring timely arrival and precise placement of structures according to customer specifications and property considerations.

- Demonstrated advanced proficiency with an array of power tools including circular saws, rotary drills, nail guns, and measurement/leveling devices.

- Conducted comprehensive site preparation, including precise ground leveling to establish structurally sound foundations.

Farm Manager, Shultz Cattle Farm; Anacortes, Wa — August 2020- August 2022
- Identified and replaced structural weaknesses in boarder fence, replacing compromised posts, and installing high-tension barbed wire systems with specialized fastening equipment.

- Performed preventative maintenance on essential farm equipment, including oil changes and tire pressure regulation.

- Operated sophisticated agricultural machinery to complete hay harvesting cycles, demonstrating proficiency with specialized implements including tedders, wind-rowers, balers, and accumulators.

- Maintained optimal sanitary conditions in livestock feeding areas through precise tractor operation.

Call Center Representative, G1 Research; Remote — May 2019- August 2020
- Conducted outbound calls to a diverse set of U.S. residence, successfully administering standardized research surveys to capture relevant data.

- Employed active listening techniques to accurately record participant feedback, ensuring precise data collection.

- Demonstrated communication skills, establishing rapid rapport that significantly improved survey completion rates and data quality.

Manufacturing Associate, Mattress Safe; Cumming, Ga — February 2018- May 2019

- Performed material preparation and cutting for specialized mattress protective coverings, ensuring exact measurement and cutting specifications.

- Performed comprehensive quality assurance inspections on finished products, identifying and resolving manufacturing deviations before final packaging.

- Operated material handling equipment including electric pallet jacks, maintaining safety while efficiently transporting heavy loads throughout the facility.

- Performed critical equipment maintenance and calibration adjustments to fabric cutting machinery.

Grill Cook, Waffle House; Canton, Ga — January 2016- February 2018
- Prepared food in a high-volume kitchen during peak revenue periods, providing leadership to a cook team of three while maintaining exceptional food quality and timely orders.

- Implemented comprehensive sanitation protocols, conducting meticulous cleaning across all kitchen stations and preparation areas.

- Mentored team members in food preparation techniques and sanitary guidelines.

Landscaper, Hopkins Landscaping; Canton Ga — July 2015- January 2016
- Supported various landscaping projects including sprinkler system installations, sod placement, mulch distribution, and concrete removal, developing a strong work ethic.

- Learned to identify basic equipment issues and helped perform regular maintenance on excavators and lawn mowers, gaining practical knowledge and understanding of mechanical systems.

- Acquired practical knowledge of landscape materials and installation techniques through diverse outdoor projects.

EDUCATION

Kennesaw State University, Kennesaw, GA - Computer Science

Austin Community College, Austin, Tx - Computer Science Undergraduate

SKILLS

I am familiar with safely and proficiently operating a wide variety of power tools and electronic equipment such as a multimeter and have done so for 10+ years through the guidance of my peers. I have experience troubleshooting and repairing electrical and mechanical systems such as vehicle transmissions, carburetors, solar systems, alternators, electric motors, computer hardware, and the replacement of iPhone and smart watch internal components. I've worked on structural projects in the past, constructing from the frame up 4 micro campers, and building prefab sheds. I have a combination of formal and informal education in software engineering and have built projects including web applications, IOS applications, and software for Arduino and ESP32 based hardware projects. I'm most familiar utilizing the programming languages C, python, javascript, and html/css.

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