ZACHARY WALTERS

Senior Robot Technician at Starship Technologies, Software Developer Apprentice

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SUMMARY

Senior Robotics Technician with extensive hands-on experience maintaining autonomous systems and robotic platforms, combined with growing expertise in full-stack software development as a Software Developer Apprentice at Base Camp Coding Academy. Skilled in hardware systems, control mechanisms, and agile software development, with a passion for integrating hardware and software to drive innovation in automation, control systems, and intelligent systems integration.

SKILLS

Python   Java   Robot Programming   Autonomous Systems   Debugging Code

Pair Programming   Automation   Control Systems   Code Review   Analytical Skills

Technical Documentation   Cross-functional Collaboration   Diagnostic Testing

Decision-making   Technical Support   Preventive Maintenance   Robot Maintenance

Communication   Time Management   Team Leadership   Troubleshooting   Jira

Equipment Maintenance   Teamwork   DNS/Domain Management   Ticketing software

EXPERIENCE

05/2025 - Present
Water Valley, MS

Software Developer Apprentice
Base Camp Coding Academy
Expected Graduation May 2026
- Develops full-stack applications using multiple programming languages while applying agile methodologies to manage workflows and deliver quality solutions.
- Improves application performance through debugging, peer reviews, and timely completion of module benchmarks to ensure subject competency.
- Collaborates with diverse teams to achieve project goals, strengthening communication and teamwork skills.

07/2024 - Present
04/2023 - 07/2024
Oxford, MS

Senior Robotics Technician
Robotics Technician
Starship Technologies
Starship Technologies develops and operates autonomous, electric delivery robots designed for short-distance, local deliveries.
- Maintains and repairs a fleet of food delivery robots, performing routine and emergency maintenance to ensure optimal performance.
- Diagnoses and resolves mechanical, electrical, and programming issues while tracking maintenance tickets and time for accurate data collection.
- Manages spare parts inventory and travels to various campuses to provide on-site support as needed.

05/2022 - 04/2023 Oxford, MS	**Child Support Specialist** YoungWilliams YoungWilliams is a company that provides various services to government agencies and programs, specializing in child support. • Managed sensitive and confidential child support cases independently while ensuring compliance with corporate policies and regulations. • Completed tasks efficiently by identifying and obtaining necessary information to process cases accurately. • Collaborated with peers to maintain a supportive and cooperative office environment.
08/2017 - 10/2020 Abbeville, MS	**Technical Support Specialist** JMW Service Station Repair I excelled as a Technical Support Specialist at JMW Service Station Repair, where I provided comprehensive technical support to clients. • Diagnosed and repaired hardware and software issues on networked systems, ensuring efficient operations. • Delivered responsive, customer-focused service while consistently meeting performance goals in a fast-paced environment. • Maintained detailed records of repairs and service activities, contributing to continuous improvement initiatives.
08/2009 - 08/2017 Abbeville, MS	**Service Technician** JMW Service Station Repair JMW Service Station Repair is a local business specializing in fuel station equipment installation, repair, and maintenance. • Diagnosed and repaired equipment and software issues at service stations, working both independently and as part of a team. • Installed, updated, and configured equipment to ensure optimal performance and functionality. • Identified needed parts, performed timely repairs, and replaced or repaired defective components as required.

EDUCATION

05/2018 Senatobia, MS	Associate's Degree, Computer Science Northwest Mississippi Community College

KEY ACHIEVEMENTS

Fleet Health Optimization
Revitalized and optimized the entire robot fleet's health, consistently exceeding fleet health buffer targets.

Peer Mentorship & Collaboration
Provided mentorship and support to fellow apprentices, enhancing team success and collaboration.

Multitasking & Time Management
Balanced a demanding full-time Senior Robotics Technician role with frequent travel while excelling in software development training.

Campus Deployment Excellence
Elevated the University of Mississippi campus deployment from a problematic site to a top-performing "star" location.

Apprenticeship Milestone Achievement
Completed Base Camp Coding Academy module benchmarks ahead of schedule, ranking among the first in the cohort.