

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 Troubleshooting Code Review
- Pair Programming Automation Control Systems Diagnostic Testing Preventive Maintenance Analytical Skills
- Robot Maintenance Technical Documentation Cross-functional Collaboration Teamwork Communication
- Decision-making Technical Support Equipment Maintenance Time Management Team Leadership

EXPERIENCE

05/2025 - Present

Water Valley, MS

Software Developer Apprentice

Base Camp Coding Academy

Base Camp Coding Academy is a non-profit program that provides free, hands-on software development training.

- Engage in full-stack development, utilizing multiple programming languages to build efficient applications.
- Improve application performance through rigorous debugging and peer review processes.
- Enhance teamwork and communication skills by collaborating with diverse teams to achieve project goals.
- Complete Units and Module Benchmarks in a timely manor to assess competency in a subject.
- Apply agile methodologies to manage project workflows, prioritize tasks, and deliver high-quality software solutions in collaborative environments.

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.

- Maintain a food delivery robot fleet and perform repair and maintenance as needed
- Travel to offer support on various campuses as needed
- Maintain proper tickets and time for data collection
- Performed routine maintenance on robotic equipment to ensure optimum performance
- Maintained accurate inventory of spare parts and tools needed for routine repairs and emergency situations
- Diagnosed and repaired mechanical, electrical, and programming issues in robotic systems.

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.

- Work independently in an office environment to handle sensitive and confidential child support cases
- Complete tasks in a timely manner
- Complied with corporate regulations, policies and procedures to maximize safety, security and overall trust in organization and employees.
- Identify and obtain information needed to process cases
- Collaborated positively with peers and other staff members to maintain friendly, supportive, and cooperative work atmosphere

08/2009 - 10/2020

Abbeville, MS

Service Technician Jimmie Walters SSR

Jimmie Walters SSR is a local business specializing in fuel station equipment installation, repair, and maintenance.

- Worked with a team and independently to identify problems with and repair equipment and software issues at Service Stations.
- Installed and updated new equipment periodically.
- Determined required parts for repairs and timeliness of need.
- Troubleshoot, serviced and repaired products to restore functionality.
- Configured customers' equipment for optimum performance.
- Replaced or repaired defective parts as needed.

EDUCATION

05/2018

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.



Apprenticeship Milestone Achievement

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



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.



Peer Mentorship & Collaboration

Provided mentorship and support to fellow apprentices, enhancing team success and collaboration.