

Roland Robinson

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Education

Mississippi State University, Starkville, MS

Bachelor of Science in Computer Engineering, Expected Fall 2024

Achievements

EcoCar Mobility Challenge Participant

Amateur Radio Technician License Holder

Second Place in Introduction to ECE Design Class, Spring 2022

Skills

Proficient in programming languages: Python, C++,

Work Experience

Statewide Federal Credit Union – Flowood, MS

IT Specialist Intern | May 2022 – August 2022

- Independently developed and executed SQL queries to generate reports and extract essential data, supporting data-driven decision-making processes.
- Assisted in the implementation of system updates and optimizations, leading to enhanced efficiency and improved system performance.
- Gained valuable insights into professional work environments, adapting quickly to new challenges, and contributing effectively to team efforts.
- Developed PowerShell scripts to automate call center queue operations, significantly improving efficiency and reducing manual workload.

Social Science Research Center – Mississippi State University, Starkville, MS

Student worker, IT support April 2021 – February 2022

- Conduct remote troubleshooting using diagnostic techniques to resolve software and hardware issues promptly.
- Collaborate with the IT team to implement system updates and improvements, enhancing overall productivity and efficiency.
- Provide expert technical support to staff and researchers, ensuring smooth functioning of IT infrastructure.

Undergraduate Research

Mississippi State University – Starkville, MS

AERPAW Undergraduate Researcher – Fall 2023

- Played a key role in testing millimeter-wave technology, including successful 3.4G antenna signal transmission.
- Established SSH File Transfer Protocol connections for experimentation and research platforms.
- Installed and configured the SVK environment for seamless software integration.