MARKEISHA LEWIS

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EDUCATION   AUG 2015 – MAY 2019
ALCORN STATE UNIVERSITY
BACHELOR OF SCIENCE IN COMPUTER ENGINEERING TECHNOLOGY
GPA: 3.67 – *Magna Cum Laude*

Related Coursework: Circuit Analysis I&II, Computer Programming/w/C++, Computer App for Engineers, Object Oriented Design & Prog., Digital Electronics, Microprocessor I & II, Electrical Networks

EXPERIENCE
UNGRADUATE RESEARCH ASSISTANT, Alcorn State University   JAN 2018 – MAY 2019
- Managed ATMAE Robotics Team of 13 by monitoring and reporting project status to Engineering Lead.
- Researched the design, operation and performance of robotic mechanism components and system.

DATA SCIENCE INTERN, Los Alamos National Laboratory   JUN 2017 – AUG 2017
- Utilized R to apply advanced machine learning algorithms to problems in precision medicine and cancer.
- Developed visualizations of the genes identified by the algorithms developed, particularly in understanding them in the context of known protein interaction pathways and targets of drugs
- Collaborated with laboratory scientists to find more effective ways to display results to achieve maximum clarity and understanding.

NETWORK TECHNICIAN INTERN, Venture Technologies   JUN 2016 – AUG 2016
- Assisted with the Network Infrastructure Upgrade for the entire Lorman Campus, including routers, switches, cabling and management
- Aided members of Center of Information Technology on various projects including reporting on daily tasks and other assignments
- The network consist of over 200 devices. This upgrade affected over 2,000 people.

PROJECTS
Senior Design – Smart Car   Apr 2019– May 2019
- Designed and handcrafted a four-wheel drive Smart-Car Robot.
- Programmed the car in Arduino to maneuver the environment in three different modes: infrared, autonomous, and manual.

Telecommunications – AM/FM Radio   Apr 2017
- Designed and constructed an AM/FM radio by installing all components, including resistors, capacitors, coils, diodes, transistors, and transformers.

SKILLS
- **Languages:** C++, Python, HTML, CSS
- **Software:** Arduino, Microsoft Office, TN370, PuTTy
- **Certifications:** Free Code Camp**:** Responsive Web Design

HONORS/AWARDS
- **Outstanding Achievement Award**
- **Dean's List:** Fall 2015, Spring 2017, Fall 2017, Spring 2018, Fall 2018