MICHAEL SLOOP

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OBJECTIVE

To advance my career with a leading organization that will utilize my extensive engineering knowledge while also allowing me to develop further as a professional

Proven talent for aligning project objectives with established and emerging engineering paradigms to achieve maximum operational impacts with minimum resource expenditures. Growth-focused leader with expertise spanning electrical engineering, technology solutions, website maintenance, project management, business operations optimization, team leadership, and customer service. Exceptional engineer with keen interpersonal, communications, and organizational skills.

PROFESSIONAL EXPERIENCE

ELECTRONICS ENGINEER

WARNER ROBINS AIR FORCE BASE – WARNER ROBINS, GA | 2021 – PRESENT

- Lead engineering projects in the Electronic Warfare Division, ensuring the seamless integration of electronic systems across multiple high-priority programs.
- Spearheaded the transition of a key electronic warfare program to a new division, improving program management and cross-department collaboration.
- Provided administrative support and project documentation, demonstrating excellent proficiency in general administration.
- Implemented process improvements to enhance system efficiency, aligning with cutting-edge engineering principles and DoD standards.
- Establish marketing strategies that create higher value and promote demand.
- Ensured compliance with defense protocols and security requirements.
- Drove long-term success in military programs through detailed planning, problem-solving, and technical oversight.

EDUCATION AND CREDENTIALS

BACHELOR OF SCIENCE (B.SC.) IN ELECTRICAL ENGINEERING, MAY 2020
Georgia Southern University, Statesboro, GA; GPA: 3.28/4.0

TECHNICAL PROFICIENTS

- Programming: Objective C, Arduino, MATLAB
- Software: Visual Studios, Multisim, VMware, Linux, Microsoft Word, Excel

AWARDS AND HONORS

- Dean's List

PROFESSIONAL AFFILIATIONS

IEEE member

TECHNOLOGY ACTIVITIES AND PROJECTS

- Implemented macOS on non-Apple hardware.
- Home automation integration, consolidating control of all devices into a single application.
- Developed a custom thermostat solution utilizing ESP32 and Arduino technologies.
- Employed a logic analyzer to decode and replicate signals with Arduino for advanced electronic projects.

ADDITIONAL INFORMATION

Languages: English, Novice Spanish

Interests: Programming, Automation, Micro-controllers, Vehicles, Photography, and Videography