**Elect Engineer**

Huntsville, AL 35429 • (378) 469-5126 • elect.engr7@bulldogs.aamu.edu •abulldog@LinkedIn.com

Currently hold active United States Government security clearance

**Electrical Engineering Major, Presidential Scholar** and **results-oriented leader** seeking a co-op, internship or part-time opportunity

* Ability to read electrical drawings and schematics
* Circuit construction and simulation in PSpice
* Experienced using Windchill software to perform reliability predictions
* Proficient with MATLAB, C++, Microsoft Office Suite, and Visual Studios
* Familiar with ETAP, SolidWorks, SolidEdge, CorelDraw and Photoshop

Alabama A&M University (AAMU) Normal, AL

**Bachelor of Science Electrical Engineering (BSEE)**  May 20xx

# GPA: 4.0/4.0

**Honors/Awards*:*** Presidential Gold Medallion Recipient 20xx | STEM Star Scholar, Fall 20xx – Present | Dean’s List, Fall 20xx– Present

**Related Coursework:**

Engineering Computing | Linear Circuit Analysis I & II | Engineering Computing | Analog Circuit

Design Analysis | Digital Circuit Design Analysis

**PROJECTS/TRAINING**

**Ebike Speed Project (Spring 2023)**

Led a group of 5 on a class project that developed and tested a working Ebike controller using

STM32. The primary focus was on throttling and speed display parts, while developing the

controller. The project was completed ahead of schedule. The team received a grade of A.

# WORK EXPERIENCE

**USA Engineering| Electrical Engineering Intern**  May 20xx -Aug 20xx

* Worked with Product Realization Teams to facilitate process improvements and mitigate cost
* Developed a system that will be used for studying the effects of electrostatic discharge during routine processes
* Mapped requirements from low to top level assemblies to ensure compatibility and proper functionality
* Created bill of materials and captured cost for projects

**XYZ Utilities | Intern** Los Angeles, CA Summer 20xx

* Inspected electric hardware replacement to minimize electrocution and power outages
* Upgraded, designed and estimated distribution facility hardware replacement on overhead power poles
* Planned, designed and estimated underground electric utility layout for residential subdivisions
* Coordinated electricity connection to residential and commercial services
* Identified gaps and recommended changes in course enhancement material for existing and developing engineering training programs
* Performed troubleshooting calculations and utility upgrades for areas experiencing low voltage

**LEADERSHIP + MEMBERSHIP ACTIVITIES**

National Society of Black Engineers (NSBE) Vice-President August 20xx – Present

Institute of Electrical and Electronic Engineers (IEEE) Member March 20xx – Present