**Mechanical Engineer**

2300 N. 13th Street | Huntsville, AL 52789 | (870) 934-5673 |Mec.Engine1@bulldogs.aamu.edu

**SUMMARY**

**Mechanical Engineering Major** seeking an internship or co-op opportunity

* Proficiency with LabVIEW • ANSYS • Solid Edge • Solid Works • MATLAB • CAD
* Experience with Microsoft Visual Studio • Microsoft Office Suite • Eclipse • NetBeans IDE 6.0.1 • SDS/2 • Boggle • Windows 8 • Mac OS X
* Able to execute projects in accordance with regulations, policies and procedures

# EDUCATION

Alabama A&M University (AAMU) Normal, AL

**Bachelor of Science Mechanical Engineering (BSME)** December 20xx

# GPA: 3.0/4.0

# *Honors & Awards:* Honor Roll, Fall 20xx – Present

***Related Coursework*:** Computer Aided Design I & II • Engineering Programming • Applied Differential Equations • Statics • Engineering Analysis • Statics • Dynamics • Thermodynamics • Mechanical Engineering Design

**PROJECTS**

**Engineering Design and Solid Modeling Project – Fall 20xx**

Worked independently and on a team of five to build a tower. The tower was capable of supporting the class textbook for five seconds or more from the materials provided. A demonstration was conducted and an oral report was provided outlining the procedures.

**Google Hackathon (Nashville) - Spring 20xx**

Worked with a team of six to build an Android Application that allows users to find nearby parties, rate them, add them to an online party list and open their location on Google Maps.

**CO-OP & INTERNSHIP**

**BAC Corporation | Intern** Nashville, TN May 20xx – Present

* Support an engineering team of six in implementing video-based training program utilizing Boggle Software to accept pptx or .ppt files as input.
* Perform daily checks of the production floor to identify, reduce and correct ergonomically-based

workplace accidents.

**ABC Manufacturing | Co-op Support**  Huntsville, Alabama August 20xx - December 20xx

* Conducted a time study on a line conveyance to determine if automated conveyors could be added in a timely manner
* Worked with a team of 5 to reduce downtime and overtime on a new assembly line by determining and applying countermeasure that reduced the cycle time for 4 stations by 30 seconds
* Analyzed line layout for pallets on assembly line
* Designed, fabricated and installed a protection cover to prevent damage of the vision system located in one of the machine test areas

**WORK EXPERIENCE**

 **Engineering Tech Company| Tech Support** Baltimore, MD April 20xx-August 20xx

* Interacted with clients/customers to ensure timely resolution of issues
* Facilitated and participated in system testing of new software to ensure requirements were satisfied
* Learned to work effectively, independently and in a group environment

**LEADERSHIP ACTIVITIES**

* Treasurer, National Society of Black Engineers (NSBE) August 20xx – Present
* AAMU Rocket Team January 20xx - Present