**GRAD BULLDOG**

875 Foxtail Lane, Huntsville, AL • (873) 456-7890 • Kenneth. Smith1@bulldogs.aamu.edu

**SUMMARY**

**Graduate Systems and Materiel Engineering** **student** seeking an entry point career opportunity

* Highly proficient in ANSYS, Microsoft Office Suite, Microsoft Project, MATLAB, Solid Edge and SolidWorks
* Six Sigma Green Belt certified, 20xx Education ALA
* Programming Languages: C++, Java, C#, Python
* Experienced in 3D designing and printing using Repetier 3D Printing Software
* Superior problem-solving skills and ability to work well under pressure

**EDUCATION**

Alabama A&M University (AAMU) Normal, AL May 20xx

**Master of Systems and Materiel Engineering (MSME)**

**GPA: 3.7/4.0**

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

**GPA: 3.6/4.0**

**Related Project**

**Motorized Bicycle Project (Fall 2022)**

Collaborated with three team members to design and create various concepts using a Concept of Operations (ConOps) document that assists in the development of a functional motorized bicycle. Served as team lead on the development of a document to capture needs, goals, and objectives of the project.

**WORK EXPERIENCE**

**Engineers Inc. | Engineering Intern** Atlanta, GA May 20xx – August 20xx

* Used systems engineering methods to improve work structure in the plant
* Assisted with identifying, tracking and resolving issues during new system implementation
* Evaluated processes and key performance indicators by using Lean 6-Sigma methods

**Technical Services| Technician** Birmingham, AL December 20xx – May 20xx

* Troubleshot system performance to ensure technical support control efficiency
* Assisted with launching new start up programs by working closely with personnel to perform suitability reviews by learning and implementing protocols
* Researched and resolved issues/inquiries daily
* Escalated issues to the proper help desk associate when necessary; followed up on escalated issues within a timely manner

**AAMU | Research Assistant** Normal, AL March 20xx – December 20xx

* Worked on a team that supported the design and development of a 3-D printer sponsored by U.S. Army Aviation and Missile Research, Development, and Engineering Center (AMRDEC).
* Executed calculations for the torque required of the stepper motors, factor of safety, step resolution of the motors, and error analysis to ensure the reliability
* Presented 3-D printer design on the Redstone Arsenal; and awarded second place prize on STEM Day

**HONORS & AWARDS**

**Department of Defense Summit** Los Angeles, CA Summer, 20xx

* Awarded a prize for research conducted on Annealing of Cadmium Manganese Telluride crystals for X-ray and Gamma-Ray detection application
* AAMU Merit Scholar • Eta Kappa Tau Engineering & Technology Fraternity, Inc.

 Alpha Kappa Mu National Honor Society 20xx – Present