**Ima Bulldog**

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**SUMMARY**

***Physics Major*** and ***Honor Student*** seeking an internship opportunity

* Experience with basic clean room and lab protocol
* Ability to perform statistical and error analysis
* Able to manipulate large sets of Data;
* **Languages:** LabView • Pro-E • C++ • CAD • Solid Works • MATLAB • Python
* **Operating Systems:** Windows 8 • Mac OS X
* **Software:** Microsoft Office Suite • Eclipse • NetBeans IDE 6.0.1 • SDS/2 • Microsoft Visual Studio

**EDUCATION**

Alabama A&M University Normal, AL

**B.S., Physics**  December20xx

**GPA: 3.13/4.0**

***Awards & Honors:***

* Dean’s List, Spring 20xx – Present
* Phi Beta Kappa Honor Society, Fall 20xx – Present

***Related Coursework:***

* Mechanics I & II
* Optics
* Intro to Solid States
* Electricity and Magnetism
* Intro to Quantum Mechanics
* Heat and Thermodynamics

**RESEARCH**

* In collaboration with NASA, worked with a team of 6 members to construct an 8 foot sounding rocket with the SERI Rocket Program
* Recognized by NASA for having the first successful non-pyrotechnic recovery system to deploy
* Designed and constructed rocket’s pay load system and recovery system from scratch
* Gathered and analyzed the trajectory data from the flight
* Worked with Rocksim to simulate and predict the trajectory of the rocket

**WORK EXPERIENCE**

**AAMU Department of Physics | Lab Assistant** Normal, AL January 20xx – Present

* Controlled inventory, maintained lab materials, entering the storage location, quantity and description of materials being stored
* Received and processed samples to identify suitability
* Prepared samples for testing using various types of laboratory equipment
* Review and carry out daily procedures for operating lab equipment
* Perform diagnostic operations on computers and corrected problems

**U.S. National Laboratory | Intern** Washington, D.C. June 20xx – August 20xx

* Performed SRIM simulations of solar wind isotopes into Genesis probe’s primary target

material for comparison and corrections to mass spectrometry measurements

* Modeled ion erosion and self-armoring for interplanetary dust and micrometeorites
* Performed statistical and error analysis of the results from SRIM simulations

**LEADERSHIP:**

* Secretary, SIGMA PI SIGMA (Society of Physics Students) January 20xx – Present
* Treasurer, Physics Club August 20xx – May 20xx