

## **XXXXXXXX Lxx Xxxx Jr.**

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**OBJECTIVE:** Apply an aptitude and talent for design and fabrication to an organization that values teamwork, encourages innovation, and rewards success.

### **EDUCATION:**

Bachelor of Science/ Bachelor of Arts May 2009  
Majors: Physics/ Psychology – Minor: Mathematics  
Overall GPA: 3.4/4.0  
Henson School of Science/ Fulton School of Liberal Arts  
Salisbury University, Salisbury, MD  
*(Maintained a full academic schedule while working approximately 20 hours per week)*

### **RESEARCH EXPERIENCE:**

**Student Research**, Salisbury University Physics Department August 2008-May 2009  
Salisbury, MD

- In collaboration with NASA, I worked with a team of 6 other 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 the rocket's payload system and recovery system from scratch
- Worked with Rocksim to simulate and predict the trajectory of the rocket
- Gathered and analyzed trajectory data from the flight

**Student Research**, Salisbury University Physics Department November 2008-Present  
Salisbury, MD

- Studying rocket trajectory and breaking down various aspects into computational form
- Creating rocket trajectory simulator program in C++ to simulate flight path of rocket
- Examine output with computer program (RockSim) to determine accuracy of program

**Student Research**, Salisbury University Physics Department September 2008-December 2008  
Salisbury, MD

- Worked with three other group members to explore physics through experimentation
- Experiments included: Electron Spin Resonance, Milikan Oil Drop, Spectral Analysis, Calculating Earth's Magnetic Field, and Super Conductivity
- Kept a thorough day-by-day Lab Notebook for each experiment performed
- Wrote professional lab reports to describe the research done and the results found

### **WORK EXPERIENCE:**

**Supervisor**, Bed Bath and Beyond December 2007-Present  
Salisbury, MD

- Responsible for setting up department, supervising cashiers and inspecting for quality assurance

**Mechanics Assistant**, R&R Remodeling and Construction Summer 2007-Summer 2008  
Glen Burnie, MD

- Helped the mechanics with building projects/operated various vehicles

### **AWARDS/ACTIVITIES:**

**Eagle Scout Award**

**National Dean's List**, Salisbury University

**Freshman Honors Society PHI ETA SIGMA**, Salisbury University

**Psychology Honors Society PSI CHI**, Salisbury University

**Order of OMEGA Honors Society**, Salisbury University

**Brotherhood Chair, Assistant Educator, Fundraising Chair, Rush Chair**, SIGMA PI Fraternity

**NCAA Collegiate Athlete**, Salisbury University Track and Field

**Trumpeter**, Salisbury University Wind Ensemble

### **COMPUTER SKILLS:**

Excel; Word; PowerPoint; Maple; Direct Math; Mathematica/Typing 120 plus words per minute