

# JARED W. MITCHELL

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## Summary of Qualifications

- **Strong background** in scientific laboratory research and engineering design
  - Well-developed written and verbal communication skills
  - Experienced in organizing and leading productive teams
  - Able to analyze problems to formulate innovative solutions
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## Education

### **Morehouse College, Atlanta, GA**

- Enrolled in the Physics Program
- Candidate for Bachelor of Science Degree in Applied Physics 2018: 3.9 GPA

### **Montgomery County Community College, Blue Bell, PA: 4.0 GPA**

### **Mitchell Education Homeschool, Chester Springs, PA: 3.9 GPA**

## Experience

### **Co-op at Toyota Motor Manufacturing North America, Erlanger, KY - Intern** May-August 2016

- Worked in the energy management group in facilities, a branch of production engineering

### **Princeton Summer Undergraduate Research Experience, Princeton, NJ - Researcher** June-August 2015

- Conducted independent research on the optimization of metal mesh filters for use in cosmology research
- Research project - "Optimizing Metal Mesh Filters"

### **Sparkling Pools Inc., Norristown, PA - Lifeguard** June-July 2014

- Red Cross certified lifeguard

### **Beulah Baptist Church Bible Camp, Philadelphia, PA - Counselor** July-August 2014

- Created lesson and enrichment activities for over 80 children ages 5-14

### **Mitchell Engineering Camp, Norristown, PA - Director** August 2013

- Developed and operated an engineering camp for children in the Norristown area

### **UPenn Teen Research and Education in Environmental Science Program; Philadelphia, PA** June-August 2012

- Conducted and presented independent research on potential environmental impacts of hydraulic fracturing

## Activities

### **Students Organizing for Sustainability (SOS), Atlanta, GA**

- Co-founder of sustainability organization at Morehouse College
- Lead membership engagement committee, responsible for encouraging member participation and awareness
- Clean Room certified

### **Villanova Engineering Technology Education and Development Academy (VESTED); Villanova, PA**

- Collaborated on engineering projects and researched current developments in engineering

### **National Society of Black Engineers; Atlanta, GA**

- Member

### **Atlanta University Center (AUC), Dual-Degree Engineering Program (DDEP); Atlanta, GA**

- Member

### **Campus Outreach Ministries; Atlanta, GA**

- Developed and Facilitated bible studies and evangelistic outreach events within the Atlanta University Center

### **Vanguard Program, Atlanta, GA**

- School based program to develop of leadership, critical thinking, and speaking skills

## Achievements and Awards

### **Induction into Sigma Pi Sigma Physics Honors Society**

2016

### Rainbow PUSH Excel Scholarship

2015-2018

### Induction into Alpha Lambda Delta Honors Society

2015

### Departmental Award for Excellence in Calculus II and III

2015

### Dean's List

2014-2015

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Earned Eagle Scout Rank	2014-2016
National Achievement Scholar	2014-2018
American Association of Blacks in Energy Scholarship	2014
Morehouse General Endowed Scholarship	2014-2018

## **Presentations**

<b>Leadership Alliance National Symposium (LANS); Stamford, CT</b>	<b>2014</b>
• <b>Presentation Title: “Optimizing Metal Mesh Filters”</b>	

## **Community Involvement**

Spanish Immersion through Christian Immersion Spanish Academy (CISA)	June 2013
Senior Patrol Leader Boy Scout Troop 752 of Norristown, PA	2012-2014
Spruce Lake Retreat Center Volunteer	2012 and 2013
Norristown Little League Baseball Coach	2012 and 2013
Christian Stronghold Church Usher and Choir Member	2008-2015

## **Technical Skills**

Proficient in AutoCAD software