

# JARED W. MITCHELL

19 Rittenhouse Boulevard  
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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>
• Presentation Title: “Optimizing Metal Mesh Filters”	

## **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