

# Ashley Nicole Lofton

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## EDUCATION:

**North Carolina A&T State University, Greensboro, NC**  
Master of Science in Industrial and Systems Engineering

December 2019(Expected)  
GPA 4.0/4.0

**Spelman College, Atlanta, GA**  
Bachelor of Science in Mathematics (*Cum Laude*)

December 2017  
GPA: 3.5/4.0

## AWARDS AND RECOGNITIONS:

- Dean's List, Spelman College
- National Society of Collegiate Scholars Member
- National Society of Leadership and Success Member

August 2013-December 2017  
2014-Present  
2014-Present

## RELEVANT COURSES:

- Production Planning & Scheduling
- Human Machine Systems
- Biomechanics
- Methods Engineering

## EXPERIENCE:

**The Boeing Company, Charleston, SC**  
**Industrial Engineering Intern**

June 2018-August 2018

- Established data-based standards validated by time studies of current automated drilling processes
- Implemented a standardized process for cycling contour tools at a frequency defined by a Kanban loop to a 5S location marked by visual factory management standards
- Developed a solution to mitigate the potential to create damage to Supplemental Cooling Unit during installation

**Graduate Teaching Assistant, North Carolina A&T State University**

January 2018-Present

- Develop teaching materials, such as assignments, quizzes, exams, and answer keys
- Assist with teacher-related duties, such as preparing, proctoring, and grading assignments and exams
- Schedule and maintain regular office hours to meet with students

**NSBE Summer Engineering Experience for Kids**

June 2016-August 2016

- Mentoring and teaching 3<sup>rd</sup> – 5<sup>th</sup> graders about STEM and applying their knowledge to engineering projects
- Preparing weekly lesson plans to facilitate learning

**Toyota Motor Engineering & Manufacturing, Erlanger, KY**  
**Vehicle Planning & Production Engineering Co-op**

September 2014-December 2014

- Developed a module management tool for exterior and door parts to visualize and manage their release dates for milestone management
- Developed a log to track the status of the issues for the previous models and assisted with identifying issues for the upcoming model using CATIA
- Lead seal gap confirmation measurement evaluations for the current vehicle model
- Collaborated with the Interior Group, suppliers, and the manufacturing plant for door trim alignment investigations to decrease injuries due to high push force

**National Nuclear Security Administration, Washington, D.C**  
**Intern**

June 2014-August 2014

- Developed a tracking mechanism and guidebook for FOIA cases
- Coordinated and scheduled meetings for Administrators

## EXTRA-CURRICULAR ACTIVITIES:

- National Society of Black Engineers Member
- Human Factors and Ergonomics Society Member

2011 – Present  
2018-Present

## SKILLS:

- Beginner in C++
- Microsoft Excel
- Microsoft PowerPoint
- Microsoft Outlook