

# ASANTÉ LEE

MECHANICAL ENGINEER    ATLANTA GA    (910)583-4086

## ◦ DETAILS ◦

220 26th ST NW  
Atlanta GA  
(910)583-4086  
[asanterashid@aol.com](mailto:asanterashid@aol.com)

## ◦ LINKS ◦

[LinkedIn](#)

[Github](#)

## ◦ SKILLS ◦

Solidworks  
Creo Parametric  
FEA  
Microsoft Power Apps  
HTML  
CSS  
JavaScript  
React

## ◦ HOBBIES ◦

Programing  
Exercise  
Learning new skills  
Investing  
Video Games

## PERSON PROFILE

Innovative and dynamic mechanical engineer with extensive knowledge of designing, prototyping, and testing bringing over four years of experience to the table. Committed to learning new skills, spent the past year exploring web development becoming proficient in an assortment of technologies including: MongoDB, Express, React.js, and Node.

## EMPLOYMENT HISTORY

### Materials Test Engineer at Serta Simmons Bedding, Atlanta, GA

December 2016 — April 2021

- Completed 250+ test requests per year on foams, fabrics, packaging, mattresses, and novel technologies to support the launch of new product lines
- Audited suppliers, organized data, and wrote reports to maintain the highest quality standards in the industry and qualify new vendors
- Designed test request system for the marketing and innovation departments using Microsoft Power Apps and maintained the test results database in SharePoint
- Provided custom fabrication work and machine repair to the testing and compliance labs to improve capabilities and minimize equipment downtime

### Manufacturing Operations Intern at Eaton, Fayetteville, NC

May 2015 — August 2015

- Team lead on \$100,000 sprinkler installation project for the plant's 4,900 ft<sup>2</sup> storage room that housed components for motor control boxes manufactured at the facility
- Developed and launched updated "e-turnback" system using Excel and Visual Basic (VBA) that used six sigma methodology to track root causes of line issues/shutdowns and improve productivity
- Reduced entry time of issues from 7-10 min to less than 5 by updating UX/UI of e-turnback

### Product Development Intern at Cooper Lighting, Peachtree City, GA

May 2014 — August 2014

- Consolidated Solid Works models for the housing of recessed lighting fixtures to minimize the number of SKUs and reduce manufacturing cost
- Designed the mounting bracket used for the integrated light sensor on the Cruze LED luminaire lighting fixture
- Led Value Analysis/Value Engineering (VA/VE) design meetings with new product development engineers and the sales team to prioritize product requirements with respect to consumer insights

## EDUCATION

### B.S. Mechanical Engineering, North Carolina A&T, Greensboro, NC

August 2012 — May 2016

Competed in Baja SAE competitions as senior project

## CERTIFICATIONS

### Full-stack Web Developer, Georgia Tech

November 2020 — April 2021