

## Oyin Peterson

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**LinkedIn:** [www.linkedin.com/in/oyindamola-peterson](https://www.linkedin.com/in/oyindamola-peterson)

**GitHub:** <https://github.com/oyindami>

### EDUCATION

**Georgia Southern University** Fall 2012- July 2017  
Bachelors of Science in Mechanical Engineering, Major GPA: 3.27

### PROFESSIONAL WORK EXPERIENCE

**Heat-craft Worldwide Refrigeration (Manufacturing Engineering Co-op)** - Tifton, GA  
January 2016 - December 2016.

- Manufacturing Projects Improving production and overall efficiency through workspace redesign

**Mechanical Engineering Department (Research Assistant), Georgia Southern University** - Statesboro, GA. January 2017 – July 2017

- Solar energy research using Fluent Analysis systems to visualize and determine the effective rate of heat transfer in a Steibel Eltron heating system

**Textron Specialized Vehicles (Assistant Manufacturing Engineer)** Fall 2018-Spring 2019, **(Manufacturing Engineer I)** Spring 2019-Spring 2020, **(Manufacturing/Production Engineer II)** Spring 2020-Present

### PROJECTS

**Senior Design Safety Team Leader** Spring 2017

- Led a team of peers in assessing safety concerns for an experimental tensile strength test machine, in addition to brainstorming effective solutions and minimizing costs and risks

**Jacobsen Line Footprint Reduction** Fall 2018

- Consolidated Truckster and Walker lines to support future projects with no downtime to operations

**670 Service Assembly Relocation Project** Spring 2019

- Complete relocation and consolidation of service areas to better utilize scheduling systems and warehouse space for the companies needs
- Coordinated between work functions as a team, improving my communication skills

**Critical Consolidation and Simplification of Powertrain Line** Spring 2020

- 50% reduction of powertrain assembly substations, 12 substations to 6 substations, improving efficiency with minimal disruption to operations and improving overall recordable downtime
- Improved various manufacturing processes, such as tie in work instructions and torque controls to MES

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### PROJECTS CONT.

#### Day to Day Responsibilities

- Troubleshoot Automated Guided Vehicles (AGV's) and Manufacturing Execution Systems (MES)
- Create, edit, and draft work instructions for the manufacturing line
- Incorporate and troubleshoot new tools supporting operations
- Downtime projects to introduce new efficiencies to the manufacturing process
- Collaborate with other work groups such as Quality, Operations, Materials, Procurements, Safety, and Design
- Write operation build instructions for special manufacturing request units
- Writing build sequence changes for SMRs (Special manufacturing request)
- Troubleshooting rework units

### SOFTWARE GITHUB

[https://github.com/Juliusm9791/whats\\_for\\_dinner](https://github.com/Juliusm9791/whats_for_dinner) (collab)

<https://github.com/oyindami/Professional-portfolio.git>

### SKILLS

**Draftsight**

**Manufacturing Execution System (MES)**

**System Applications and Products (SAP)**

**Microsoft Word**

**TeamCenter**

**Industrial Control System (ICS)**

**HTML, JavaScript, CSS, Node.index**

### SCHOLARSHIPS/ MEMBERSHIPS

**International diversity scholarship (2012-2017)**

**RPM mentorship program (2019)**

**NSBE (2016-Present)**

**ASME (2016-Present)**

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