

# Laura Toy

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901-049-1223

## EDUCATION

### **Bachelor of Science in Mechanical Engineering**

University of Memphis, Memphis, TN

Expected Graduation Date: May 2018

Cumulative GPA: 3.88

## TECHNICAL SKILLS

Unigraphics NX CAD, AutoCAD, SolidWorks, FEA,  
Mechanical Design and Analysis, GD&T Drafting, Engineering Documentation

## RELEVANT COURSES

Machine Dynamics, Automobile Engineering, Instrument & Measurement,  
Manufacturing, Machine Component Design.

## PROJECTS

Corrosion issues in nuclear waste storage system.  
Mathematical modeling of a wind turbine.

## EXPERIENCE

### **Manufacturing Engineer Intern, Mar 2011-May 2011**

*Mechanical Structures, Atlanta, GA*

- Recommended new layout to eliminate unnecessary movement of raw material and final product.
- Assisted primary manufacturing department for smooth operation with their utilities and maintenance.
- Learned about the product development cycle, lean manufacturing.

## LEADERSHIP

Member of the American Institute of Aeronautics & Astronautics, ID: 80835,  
Jan 2016 – Present

Moderated 3 sessions and volunteered at National Conference on Undergraduate Research, April, 2017

## VOLUNTEER ACTIVITIES

Organizer, AIAA, High School Level Wing Design Competition, Nov, 2016

## HONORS

Third place, AIAA Region II Student Conference, Corinth, Mississippi, March, 2017