**Augustine** 106 S Homer St., Apt 12 (318) 228-7127

**Aelevanthara** Ruston, LA 71270 augustinejinu@gmail.com

***Objective*** Seeking internship position as a Mechanical Engineer

***Education*** BS in Mechanical Engineering, GPA: 3.2/4

 *Louisiana Tech University, Ruston, LA*

 Expected date of graduation: May 2015

***Employment*** **October 15, 2013 – Present: Intern Project Engineer**

 ***Weyerhaeuser OSB, Arcadia, LA***

Researched, prepared and executed presentation for the management team for project approval

Upon approval, I designed and implemented Paint-booth modification for improved reliability of the machine.

Formulated engineering specifications for the new system

SolidWorks modeling and FEA for parts fabrication

Vendor interactions (Material cost estimations)

**June 3, 2013 – August 30, 2013: Summer Intern Engineer**

 ***Weyerhaeuser ELP, Emerson, AR***

Designed and proposed Veneer Trash Gate, improved safety.

Designed and proposed Independent Deck Drive modification for Veneer Dryer. Improved Safety, reliability and cost reduction. Potential savings of $116,000 for 2 dryers.

SolidWorks modeling and FEA for parts

Vendor interactions (Material cost estimations)

Corporate Headquarters and Technology Center visit, Federal Way, Washington.

**June 2012 - August 2012: Research and Development Intern**

 ***Pearson Medical Technologies, Alexandria, LA***

SolidWorks modeling and FEA for parts

Vendor interactions (Material cost estimations)

Electrical wiring schematics for assembly line

Rapid prototyping using *Dimension SST1200* 3D printer

 **2009 - 2012: Rural Carrier Associate (RCA)**

 ***United States Postal Service, Campti, LA***

Customer interactions and transactions

Handling money (stamp, money order, COD)

Driving (Safe Driver Award, NSC, USPS)

***CAD Portfolio*** **http://augustineaelevanthara.weebly.com/** (details of my work)

***Skills*** SolidWorks, Labview,Mathcad, MATLAB, Excel, Word, PowerPoint,

 Project, Outlook, Visio, Sketchbook, Photoshop, BASIC & C#

***Leadership*** IEEE Robot Competition organizer, committee member, drafted rules

***Honors***  Rolex Award: Freshman Design (Python Aiming System, 2010)

 USAF-IEEE Sumo Robot Tournament winner (2013, Latech) President's Honor List (2010)

 19 drawing-related merit awards (available upon request)