

Natalie Villar

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Objective

To obtain a full-time position that will allow me to utilize my technical experience and interpersonal skills.

Education

Florida State University – Tallahassee, FL
Bachelors of Science in Mechanical Engineering
GPA: 3.2

May 2018

Work Experience

Cummins Inc. – Seymour, IN
Power Systems Business Unit – Product Quality Process Intern

May 2017 – August 2017

- Completed a 6 Sigma project aimed at reducing Global Problem Recurrence Prevention (GPRP) Cycle time through the use of a variety of 6 Sigma tools such as Process Mapping, C&E Matrices, and FMEA
- Created a GPRP Assessment based on RCA Completion and GPRP Recommendation field entries in PPS Database
- Analyzed PPS Cycle Time contributors to make recommendations in efforts to reduce cycle time
- Created the Step 6 Harness Assembly Instructions for a Top 10 PSBU Product Problem Solving (PPS) Project
- Completed administrative tasks in PPS Database and produced weekly Steering Committee Hopper

Jarden Consumer Solutions – Boca Raton, FL

Quality Assurance Engineer Intern

June 2016 – August 2016

- Performed failed component tear downs root cause analysis to initialize preventative and corrective actions for warranty reduction
- Completed VOC Data Review to understand the business financial impact by retrieving data that corresponded to corrective action plans and their implementation dates
- Wrote the traceability and pre-shipment inspection procedures for a food product launching in the upcoming year

The Home Depot – Davie, FL

Cashier

May 2014 – August 2014

- Provided excellent customer service, and assisted clients by providing them information about relevant products
- Served as assistant to the head cashier, allowing me to further refine my communication skills and customer service
- Trained new employees on basic duties, and officially part of the hiring and training process for new cashiers

Leadership & Activities

Kappa Alpha Theta Sorority – Florida State University

September 2013 – December 2016

Chief Education Officer/Chief Administrative Assistant

- Collaborated with the executive board in order to plan, develop, and resolve current issues and events in the chapter
- Supervised three chairmen position below, providing the guidance needed in order to ensure that each of them is carrying out their own responsibilities accordingly
- Monitored the academic performance of all members in the chapter to make sure that they are in good academic standing, and implement events and activities conducive to academic development and motivation

Stirling Engine – Florida State University

- Generated CAD drawings via Creo Parametric for a Stirling engine, machined the parts accordingly in the machine shop, then assembled and tested the engine to ensure that it had been constructed correctly

Can Crusher – Florida State University

- Collaborated and directed a group with the design, exhibition, and visual prototype of an aluminum can crusher which met the needs and constraints of a representative hypothetical customer whom we communicated with

Affiliations

Society of Hispanic Professional Engineers – Florida State University

January 2016 – Present

National Society of Collegiate Scholars – Florida State University

November 2015 – Present

LifeNet 4 Families – Fort Lauderdale, FL

July 2016

Skills

- Fluent in English and Spanish
- Microsoft Office, MATLAB, Creo Parametric, C, MiniTab