**Miraj Patel**

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# Objective:

# Recent graduate of BSME program seeking an entry-level mechanical engineering position

# Education:

## University of South Florida

## *Bachelor of Science, Mechanical Engineering*

## Related Courses: Dynamics, Statics, Material Engineering, CAD, Finite Element Analysis, Optical Product, Fluids, Internal Combustion

## Technical Skills: Beginner Certifications: Adobe Dreamweaver, Flash and Photoshop, MATLAB, Beginner Level CAD , Arduino, Microsoft Excel, Word

# Employment Experience:

## Mr. International Tampa,FL

### Sales Associate (30hrs/week) **May 2011–May 2013**

### Maintain and organize store displays to enhance product visibility and expedite product location activities

* Provided high-quality customer service to optimize customer purchasing and payment process.
* Initiated inventory control measures to sustain stock levels, and helped to order new inventories.

## P.S by Aeropostale Tampa,FL

### Sales Assistant/Merchandise Inventory (22hrs/week) **May 2013–August 2013**

* Courteously greet customers and efficiently process transactions within busy, fast-paced retail environments.
* Operate cash register, scanners and computers to itemize and total customer purchases; collect payments and make change for cash transactions; and balance drawer at the end of each shift.
* Facilitate inventory and stock management; conduct routine cycle counts and inventory audits to assist department manager and store replenish inventories while minimizing excess.

# Leadership & Community Involvement:

## St. Joseph Hospital 4 East Tampa,FL

### **Volunteer Summer2010**

### Assist nurses and other healthcare staff as needed

* Maintained patient medical charts and filed medical record forms
* Transport patients from to and from procedure rooms
* Made frequent rounds in assigned departments to assess patients needs

## Indian Community GSTB Summer Camp Tampa,FL

### **Camp Leader** **Summer 2010 – Summer2012**

* Managed Presented lessons on Hindu culture through interactive group play
* Worked with a budget of $1,000 to provide food and entertainment for the 100 audience members

## Florida VEX Robotics Tampa,FL

### **Judge** **March 2015**

* Look over their profile of their robot
* Determined a first, second and third place winner

# Other Strengths

* Expertise in team leadership, problem-solving, quality goal management, negotiating, motivational and persuasion skills.
* Hard working, passionate, dependable, result oriented, self-motivated, and a quick learner.
* Extremely organized, perfectionist and able to multi-task. Capable of working in teams as well as independently with a sense of responsibility and ownership
* Exceptional ability to quickly master new technologies and challenges.

# Engineering Projects

## Automatic Color Ping Pong Ball Sorter

## Team Programmer & Lead Designer

### Write code using Ardunio to sort out various different color ping pong balls

### Determined all design constraints (cost, weight, size, resolution, range of motion)

### **Mechanical Engineering Design Project**

### **Team Leader**

### Led a team of six diverse students in designing and manufacturing a solar powered cooler

### Presented project’s cost, design, and prototype test findings to a committee of engineers for approval

# Extracurricular Activities

## Best Damn Race Ever

## Finished In Top 30 Overall for 5K

## Coteeman Triathlon

## Finished 3rd in my age group of 21-24