## Aashay Patel

## 1034 Hot Springs Dr., Allen, TX 75013

[aashaybp@gmail.com](mailto:aashaybp@gmail.com)

(214) 425-0841

**Education:**

Allen High School **Aug 2014 - Present**

**School Activities and Volunteer Involvement:**

**Member of Key Club Aug 2014 - Present**

* Involved in cleaning up local parks, writing letters to Veterans, making blankets for children in hospitals, participating in food and book drives for children in Africa
* Responsible for making care packages for the homeless as well as troops and raising money to fight against maternal and neonatal tetanus

**Member of National Honor Society (NHS) Nov 2015 - Present**

* Coordinated school and local events
* Held food and clothing drives for the homeless
* Participated in community service events

**Quarter Master on Allen Eagle Escadrille Aug 2014 - Present**

* Helped Organize equipment for the 800-member Marching Band
* Aided In the logistics at various events including the 2016 Rose-Bowl Parade

**Work Experience:**

**Masters Inn, N. Charleston, SC, Masters Inn, Doraville, GA, Scottish Inns, Thomson, GA**

* Built several high performance computers to handle hotel transactions, accounting and various other software.
* Repaired computers, printers, and other tech devices resolving hardware and software issues
* Was responsible for advising and buying computers, routers, printers, DVR's etc.
* Replaced HDDs with SSDs, upgraded computer ram, upgraded Wi-Fi cards

**Other Skills and Projects:**

**Computer skills:**

* Proficient in Microsoft Office, Programing languages include C++, Java, and Java script

**Wireless** **Photo** **Frame:**

Used a salvaged laptop screen and driver board for video output. Researched and built a Windows SMB server to have a Raspberry Pi display images. The Raspberry Pi ran OpenELEC to pull the images creating a wireless photo frame.

**Hockey Goal Light (DFW Hackster.io Hardware Weekend 2015)**

This project uses information pulled from an NHL API to update a Microsoft Azure server of a score which would wirelessly flash a Particle red for the opponent or green for the home team.

**Event Snap (Eagle Hacks 2016)**

Used Google's tesseract OCR to convert the image to text and used Python to find text patterns to create the content of the calendar event using Google Calendar. To obtain the picture, we built an android app that integrates with form.io to obtain a picture, which is sent to our server.

**IOT Car Hack (Hack RU 2016)**

Used a 4-0 analytics car sensors to send data to an AWS server to send information such as emission rate onto a Cloud to show which cars had passed or failed. The program could also record engine status providing early warnings.