# RESUME

Myself Sayad Pervez. A science, programming and learning enthusiast. Having an average memory capacity, I used to study my syllabus only by understanding the concepts which abandoned me at first but helped me a lot when I got into my high-schooling. Since my childhood I've designed various energy efficient machines and devices which although weren't practical ,were great milestones considering the amount of knowledge I had at that time.
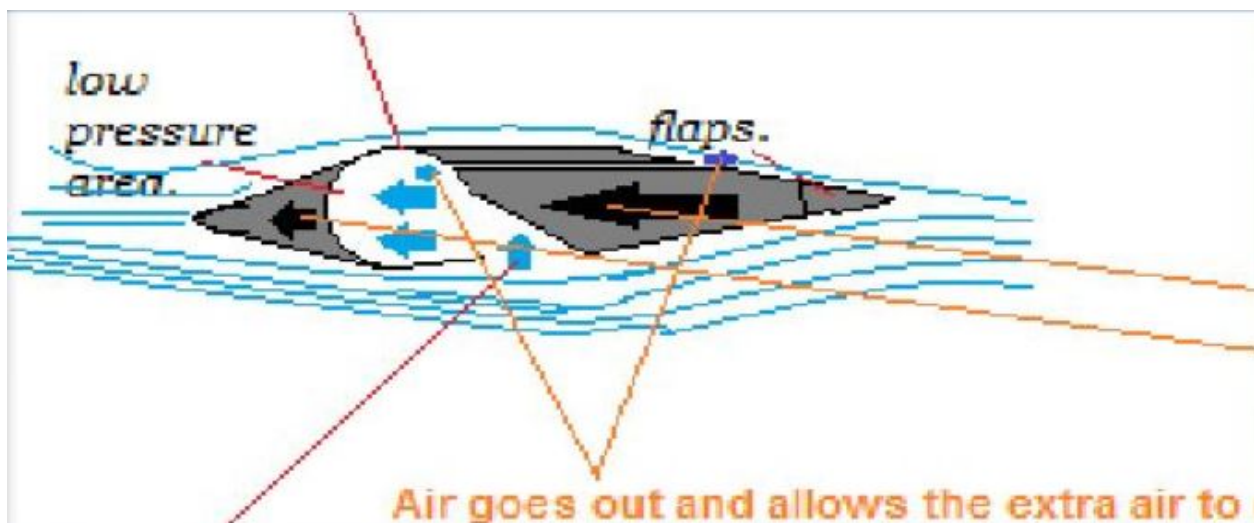
One of the unrealistic designs made when I was in seventh.

The above picture contains a project designed by me when I was in grade seven and at that time I tought it to be the gretest invention ever made. But after learning Thermodynamics in my eleventh, I couldn't stop laughing at it. I blame not the education system for giving a degraded syllabus but myself for learning only what they taught me.

I was good with academics, didn't care much about learning extra stuff, blindly following my syllabus till my tenth. In my tenth holidays, fascinated by how circuit boards work (after opening up a few RC toys which were probably never reassembled) I started learning about Arduino. I learnt programming through youtube videos and some other PDFs available on the internet. Since I was studying in a school with minimal recognition in a town named Pallavaram in the outskirts of Chennai, my mom decided to move me up to a better school with better opportunities. I got admission in DAV even before the results owing my excellent academic record.

A day before the result is when we moved to Nungambakkam, to a neighborhood near my school. We arranged the household articles barely enough to sleep there. The next morning the results were declared and I secured 488/500 in my Boards (School First). Since I knew none in that neighborhood, there were just appreciations through phone and there was barely any jubilation (we were busy cleaning the house) yet I was happy that my hard work paid off. The next day both my parents went to work "AS_USUAL" and I stayed in the home "AS_USUAL" watching the TV. That is when I questioned myself. For what should I study well for the next two years? The obvious answer was marks.

What to do with good marks? Good College. Why good college? To get a good job. Why good job? To get "paid well". No matter which path I choose the final objective is clear and that is money. So I started to concentrate on my career. When I started learning programming, the knowledge that I gained in school wasn't helpful. I then realized that most of the knowledge gained in school was "useless" and most of the things I'll be learning in my college are useless or to be much more specific not upto the job requirements in the market which I bet anyone with enough experience would agree. That's when I started prioritizing things. I never spent more than a two or three days for subjects which I considered absolutely useless, that is "LANGUAGE EXAMS". I portrayed myself as a Scientist, Programmer, Inventor and an Entrepreneur and why in the hell will I need Sanskrit. This conclusion was made based on a rule I followed:

Don't work on something that won't mean anything to you after 5 years.

Literally speaking getting a pass mark was enough for me in Sanskrit but my mom insisted a good total and so I did it fair enough!

So I started learning, prioritized my hobbies more than my academics during my higher secondary education. I learnt programming whenever I found time.

This includes Saturdays and Sundays mostly. I stayed up till 3 AM programming. My methodology of learning was what I'd call the best. I learnt the basics and whenever I needed to do something which was out of my current knowledge, I'd google it and to be much more specific stack-overflow it and convert it into a function and all those are stored in a separate file containing only functions. This is what programmers do even in workspace. In essence, I have 2 years of informal experience in programming especially Python and Arduino.

As I already described, I always had a craze for designing energy efficient devices (Perpetual motion machines until I learnt Thermodynamics). First one of them was designed when I was studying in eight with no knowledge about Faraday's laws and Thermodynamics. The experimental setup was a failure. Two years later, after learning those laws I designed a device which was proven to be inconsistent with reality when Lenz law was introduced in twelfth. However I modified it into a battery which could store a humongous amount of electricity and it turned out that its already invented and is actively being used (flywheel energy storage system).

Being an active learner, I learnt about transistors and rectifiers in my tenth (twelfth syllabus) and now after completing twelfth I claim myself equivalent to a

programmer who studied ECE (4 years) and attended a training period of 6 months.

Here are few of my projects:
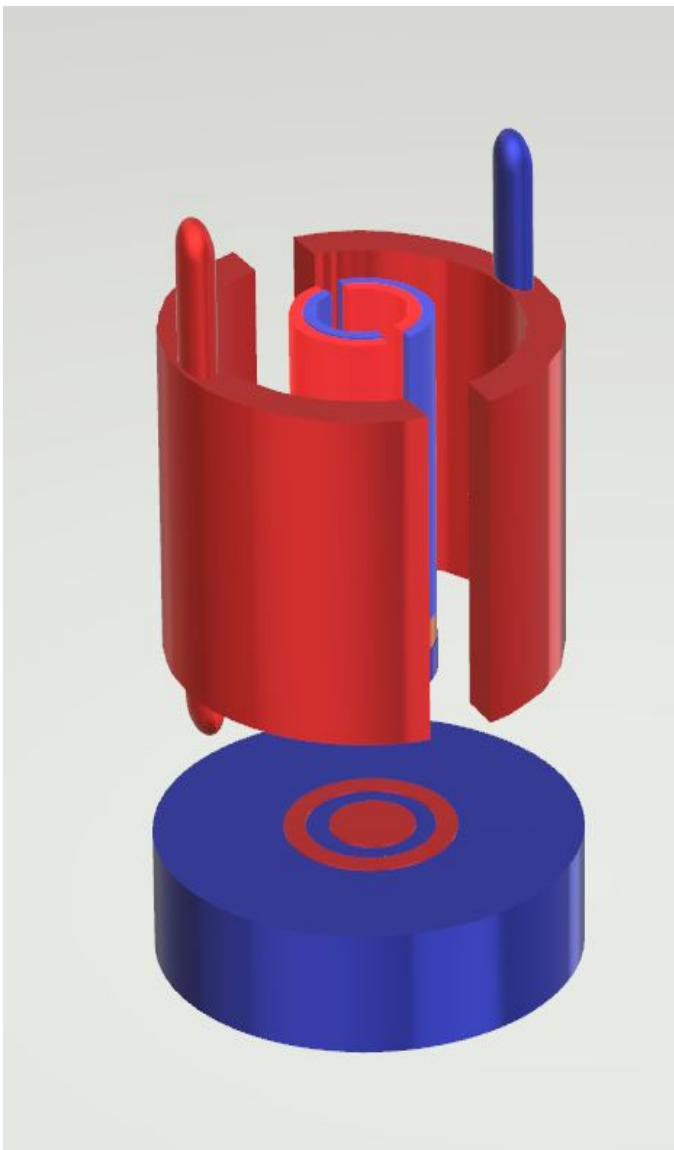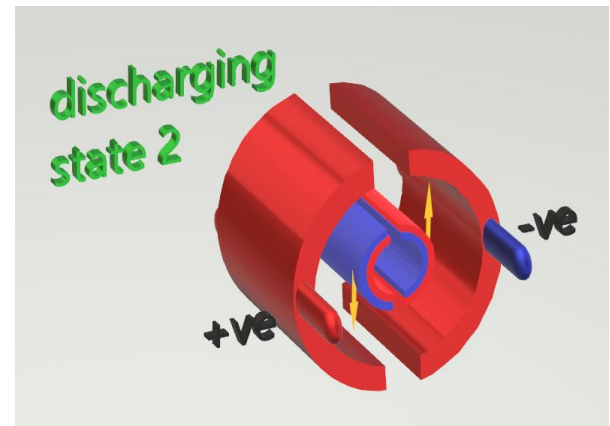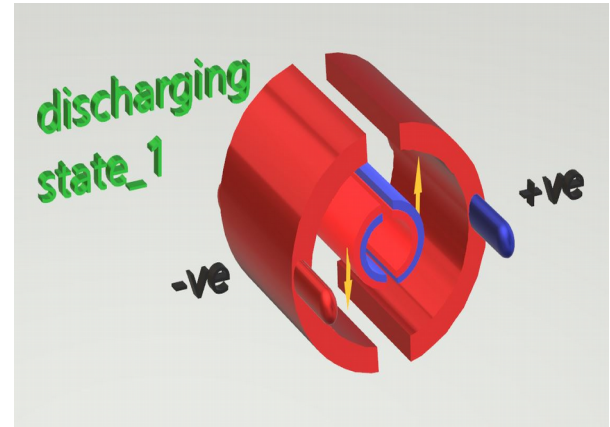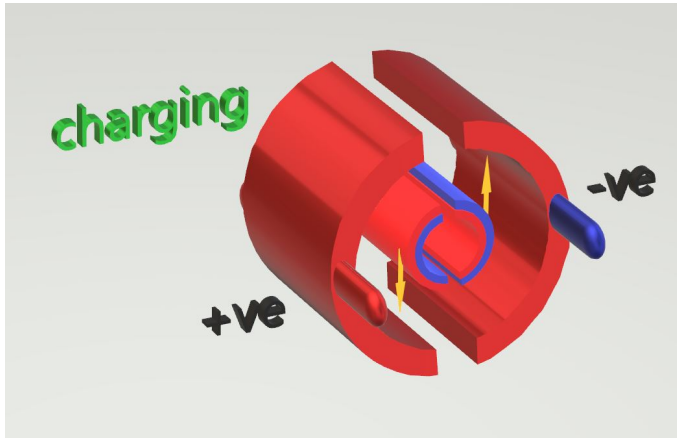
These pictures represent the battery which I discovered and later turned out that it has already been invented.
***(Flywheel Energy Storage System)***

FIBRE OPTIC COMMUNICATION:
Transmitter_Logic:

Decimal number received	Equivalent Binary Number	Led 1 <state>	Led 2 <state>	Led 3 <state>
0	000	OFF	OFF	OFF
1	001	OFF	OFF	ON
2	010	OFF	ON	OFF
3	011	OFF	ON	ON
4	100	ON	OFF	OFF
5	101	ON	OFF	ON
6	110	ON	ON	OFF
7	111	ON	ON	ON

Receiver_Logic:

LDR 1 <STATE>	LDR 2 <STATE>	LDR 3 <STATE>	Equivalent Binary Info	Equivalent Decimal Value
OFF	OFF	OFF	000	0
OFF	OFF	ON	001	1
OFF	ON	OFF	010	2
OFF	ON	ON	011	3
ON	OFF	OFF	100	4
ON	OFF	ON	101	5
ON	ON	OFF	110	6
ON	ON	ON	111	7

Transmitter Circuit Diagram:
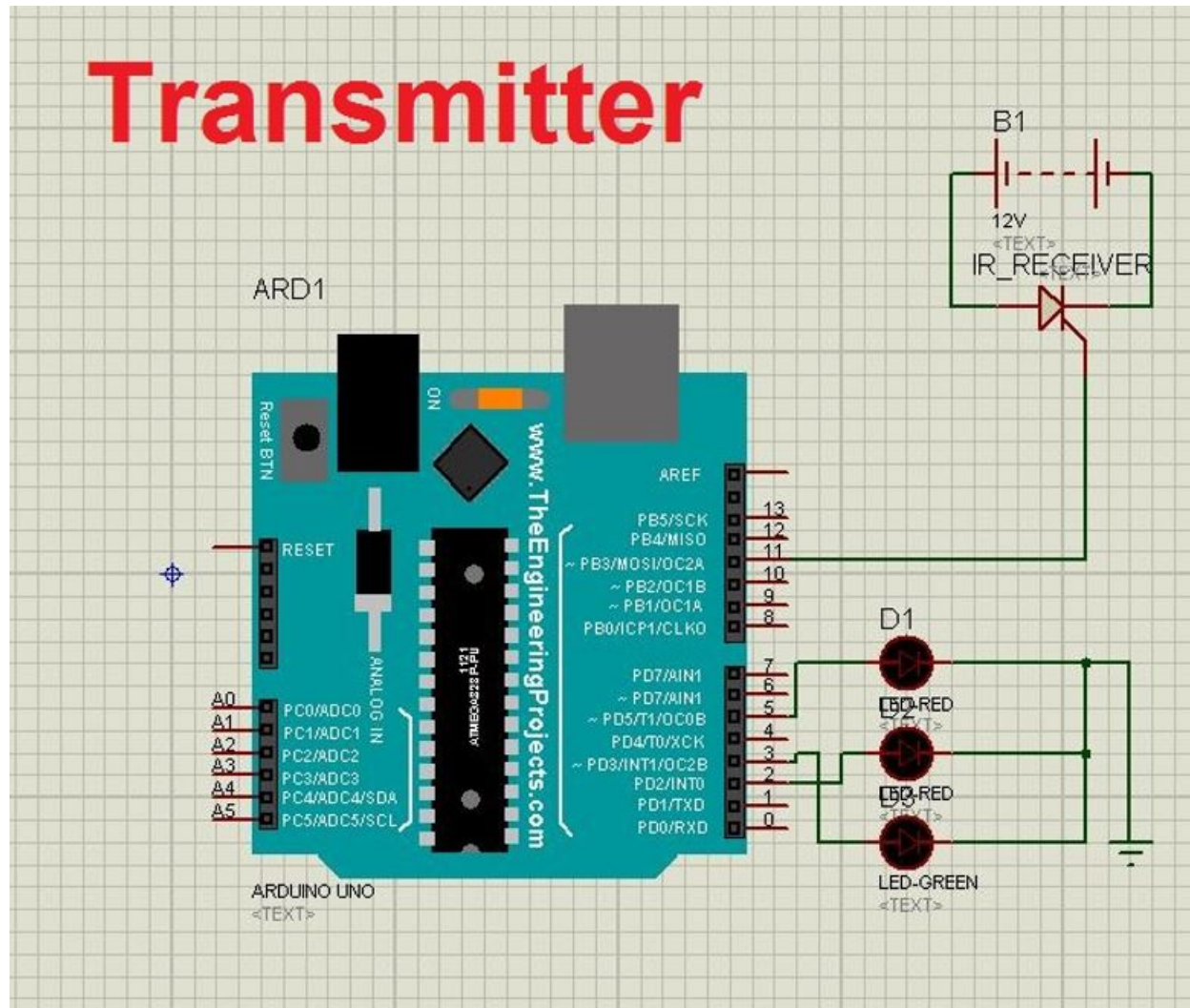
Receiver Circuit Diagram:
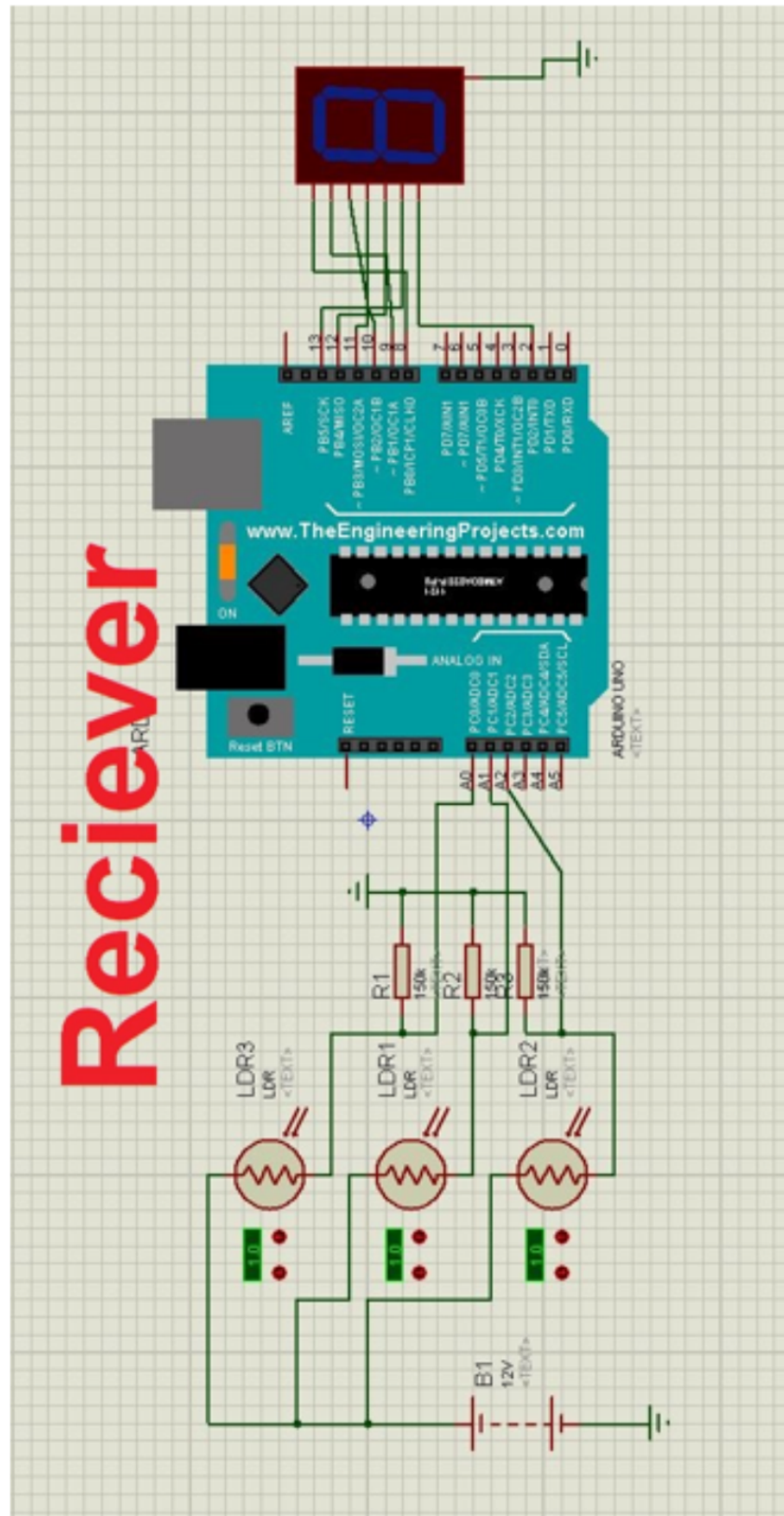
For more information on my projects especially programming based, my
Instagram ID is Spectacular__Scientist   and
LinkedIn ID is Pervez Sayad.

Long Story Short:

Educational Qualification	Just completed 12th.(2019)
Expertise in programming language	Python and Arduino.
Reason to work	To gain more exposure.
Experience	2 years of informal experience.
Why hire me?	Give me recognition, I'd give your company value!