

## WORK EXPERIENCE

### Technical Intern

#### Indus Valley Partners

12/2018 – 01/2019

Delhi

Predicting the nature of stock market by combining deep Reinforcement learning and deep learning

#### Achievements/Tasks

- Using a reinforcement learning to predict stock market actions (like when to buy, sell stocks)

Contact: Japneet Chawla – jschawla@ivp.in

## PROJECTS

### DeepWay (05/2018)

- Blind Assistance Tool
- Got around 3 lakh views on linkedin
- Github repository has 84 stars
- I am regular contributor myself

### Learning to Kick using Genetic algorithms (01/2019)

### Face recognition Attendance System (07/2018)

### Deionising Convolutional Autoencoder (07/2018)

- Removing noise from images using encoder-decoder network

### Face Filters (02/2018)

- Face filters like snapchat

### Stone Paper Scissors VS Computer (01/2018)

- 100 % defeating rate at the game of stone paper and scissor by harnessing the power of CNNs.

### Auto Shoot (07/2017)

- International Border Protection Sentry Gun

### Automatic light switching for AIT bathrooms (07/2017)

### Self Balancing Robot using Arduino (01/2017)

## EDUCATION

### B.E. Computer Engineering

#### Army Institute of Technology

07/2016 – Present

### Army Public School

#### Ambala Cantt

04/2015 – 04/2016

94.2

## SKILLS

c++

python

HTML/CSS

Data Structures

Object Oriented Programming

Deep learning(CNN,MLP)

opencv

AWS cloud(Virtual Machines)

Keras

Pytorch

rasberry pi

Arduino

## ACHIEVEMENTS

Stood 3rd at the Rajkot national Hackathon

Were selected among top 20 teams in 5 states for DRDO Robotics and Unmanned Sytem Exposition

Stood first in project presentation in solutions 2019

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Stood 3rd in Innervive 2018

Stood first in UGCON AMALGAM 2018

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AGIF scholarship(2016)

Was part of Robocon 2018

Stood 2nd in transform AIT 2017

I have a technical youtube channel with 450 subscribers

## POSITION OF RESPONSIBILITY

Taught deep learning to my juniors (01/2019)

Robocon joint secretary (02/2018)

## INTERESTS

Basketball

Badminton

Love watching scientific videos