

# Abhishek Verma

Passionate Programmer and Artificial Intelligence Enthusiast

## REACH ME

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## EXPERIENCE

### Software Development Intern

HyperDart

Feb. 2020 - present

- Training in HTML, CSS, JavaScript, React.
- Worked on Natural Language Processing, Named Entity Recognition, Outlier Detection, Multi-Class Text Classification.

### ML/AI Intern

Piktale

Jun. 2019 - Jul. 2019

- Object Detection.
- Firearm Detection.
- Face detection.

### Coach Machine Learning

Internity Foundation

Jun. 2019 - Jul. 2019

Mentored Interns in Machine Learning.

### Machine Learning Intern

inVOID Technologies

Feb. 2019 - Mar. 2019

- Data collection, cleaning and annotation.
- QR Code detection.
- Face, Age and Gender Detection.
- ID detection.
- Sighthound API.

### Problem Solver Machine Learning

Internity Foundation

Dec. 2018 - Jan. 2019

Mentored Interns in Machine Learning.

### Cloud Intern

Internity Foundation

Dec. 2018 - Jan. 2019

- Explored cloud computing.
- Deployed a project on Weather Classification.

### Machine Learning Intern

Internity Foundation

May. 2018 - Jul. 2018

- Implemented ML Algorithms.
- Made a project on Semantic Inpainting.

## SKILLS

- Deep Learning
- Machine Learning
- Computer Vision
- Natural Language Processing
- Brain Computer Interface
- Data Science
- Python
- Data Structures
- Algorithms
- Java
- OOPS
- Docker
- Linux
- Git
- Cloud
- C/C++
- SQL

## CERTIFICATES & COURSES

### Coursera

Deep Learning 5 Course Specialization

- Sequence Models (Jul. 2020)
- Convolutional Neural Networks (Jun. 2020)
- Structuring Machine Learning Projects (Jun. 2020)
- Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization (Jun. 2020)
- Neural Networks and Deep Learning (Jun. 2020)

### Coding Ninjas

Machine Learning Cognizance

(May 2018 - Sep. 2018)

### Coding Blocks

Java Crux - Data Structures and Algorithms

(Jun 2017 - Jul. 2017)

## EDUCATION

### Bachelor of Technology, Computer Science Engineering

Jaypee Institute of Information

Technology

2016 - 2020

CGPA: 7.9

### PCM+C.Sc.

Amity International School

2002 - 2016

- CBSE 12th Percentage: 94%
- CBSE 10th CGPA: 10

## PUBLICATIONS

FIND: Fake Information and News Detections using Deep Learning

<https://ieeexplore.ieee.org/document/8844892>

## PROJECTS

### Emotion and Lie Recognition from EEG signals using Deep Learning

Aug. 2019 - Dec. 2019

- <https://github.com/lightningedge007a/Emotion-and-Lie-Recognition-from-EEG-signals-using-Deep-Learning>
- Implementing State of the Art algorithms for Emotion Recognition from Multi-Channel EEG brain signals which can help in determining the thoughts and emotions of an individual.

### Image Caption Generator using Deep Learning

Jan. 2019 - May 2019

- <https://github.com/lightningedge007a/Image-Caption-Generator-using-Deep-Learning>
- Uses CNN, LSTM to get the context of image and predict captions word by word.

### Behavioral Cloning

Jan. 2019 - Feb. 2019

- [https://github.com/lightningedge007a/Behavioral-Cloning-P4\\_KPIT-Udacity-Self-Driving-Car](https://github.com/lightningedge007a/Behavioral-Cloning-P4_KPIT-Udacity-Self-Driving-Car)
- Trained a Deep Convolutional Neural Network to drive a car like me.

### Fake News Detection using Deep Learning

Jul. 2018 - Nov. 2018

- <https://github.com/lightningedge007a/FakeNewsDetectionUsingDeepLearning>
- Uses Natural Language Processing and Deep Learning algorithms to classify fake and real news.

## ACHIEVEMENTS

### Udacity

- Secure and Private AI Scholarship Challenge (May 2018 - Aug. 2019)
- KPIT-Udacity Autonomous Tech Scholar (Nov. 2018 - Jan. 2019)
- Facebook-Udacity PyTorch Challenge Scholar (Oct. 2018 - Jan. 2019)

### Internity Foundation

- Best Machine Learning Intern (Jul. 2018)
- 2nd Rank in Create-A-Thon Hackathon (Jul. 2018)

### Hackerrank

6 Star Gold Badge Problem Solver (2018)

Hackerrank handle - abhishekverma7