

# Nikhil Dugar

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## SKILLS

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Programming Languages: Python, Matlab, Java  
Frameworks: Tensorflow, Scikit-Learn, Pytorch, Open CV  
Front end: HTML, CSS

## TRAINING

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<b>Machine Learning</b> Understanding Machine Learning on <b>Octave</b> .	Coursera(Sep 2019)
<b>Python for Data Science</b> 4 weeks of learning Python and various machine learning techniques.	Swayam(Oct 2019)
<b>Getting Started With AWS Machine Learning</b> Learnt how-to deploy pre-built machine learning model on <b>AWS</b> .	Coursera(Jan 2020)
<b>Neural Networks and Deep Learning</b> Building neural networks from scratch in Python.	Coursera(May 2020)

## PROJECTS

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**Fraudulent website detector** (Python, SkLearn, Flask) ([link](#))

This project is a web app wherein a user can add a URL and get to know if that site is unsafe. I employed a **Logistic Regression** model that uses 14 traits of fraudulent websites for detection and is **easily scalable** to add more features.

**Universal Safety Button.** (Java, Android Studio) ([link](#))

Group project. Android app that alerts 5 people from the user's contacts and calls one person at the press of a button. Sends out the user's location. My role was mainly designing how the app looks and feels using **Android Studio**.

**Disaster Simulation** (C#, Unity) ([link](#))

A Unity based application which simulates an earthquake. We used **PhysX** to simulate the effects required. And then converted that into an Android apk for a free VR experience.

**Job Scraper** (Python) ([link](#))

A python based application which takes skill/type of job as input and a location of the job (optional) to search and parses through all the results on sites like naukri .com, monster .com and indeed .com.

## COLLEGE

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NIIT University	Neemrana, Rajasthan
B. Tech. A.I focused Computer Science GPA: <b>7.86 GPA</b>	2017-2021
Bhartiya Vidya Mandir	Kolkata
High School Graduate Computer Science GPA: <b>77%</b>	2003-2017

## HOBBIES

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Chess  
Stamp Collection  
Creative Writing  
Cricket