



# UDIT GAGNANI

I am a **python developer** interested in **data science** and **reinforcement learning**. My strength is to analyze my mistakes and perform strategic decision making for my future choices (just like reinforcement learning). The only 3 words to describe myself are **decisive**, **affable**, **meticulous**. My interest in machine learning developed when I read an article which mentioned that Harvard University's professors used **computer vision** and **image processing** to generate a clear image of the 1st interstellar object to enter our solar system.

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## EDUCATION

### SSC (2017)

Delhi Public School Surat  
**8.4/10 CGPA**

### HSC (2019)

Delhi Public School Surat  
**78.8 %**

### Bachelor of Science, Information Technology (2019-2022)

Auro University, Surat  
**8.79/10 CGPA**

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## ACHIEVEMENTS

**British Airways Data Science**  
Virtual Internship program

**Android App Development**  
using Android Studio (University)

**2nd Position Shotgun**  
HSC (DPS, Surat)

Participated in Inter-DPS  
National Commerce Festival  
**[Website Designing]**  
HSC (DPS, Surat)

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## VOLUNTEER

Working on Improving Digital  
Advisory Services for Rural  
Farmers using Satellite Imagery  
Member of Auro University  
IT Club

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## CONTACT

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## WORK EXPERIENCE

### NJ Technologies

**Position:** Java Full Stack Developer (Internship)

**Duration:** 10 months

**Project:** Loan Management System

It was an in-house project to keep track of all the activities between investment company and client. It automatically calculates amortization table on the basis of loan details.

**Explored:** Spring MVC Framework, Java, JavaScript, Linux OS

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## CERTIFICATIONS

**HarvardX** Using Python for Research

Coursera **Google Machine Learning** for Business Professionals

Coursera AWS Getting Started with **AWS Machine Learning**

Coursera **MathWorks** Exploratory Data Analysis with **MATLAB**

Coursera **IBM** Python for **Data Science** and AI

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## PROJECTS

### STANFORD'S CODEINPLACE'S PASSWORD MANAGER PROJECT

Official Stanford Website Link:

**<https://codeinplace.stanford.edu/2021/showcase/890>**

Selected out of 6,00,000+ applicants for this program. One of 1,500 students to successfully complete the final project.

**Python Libraries:** Kivy, Sqlite3

### WOMEN SAFETY APP

It is an android app. It uses an API to send OTP while registering, track current physical location (latitude, longitude, address).

Store all data in cloud database.

**Technologies Used:** Android Studio, Java, Firebase

### EXPLORATORY DATA ANALYSIS AND FORECASTING SUPERMART GROCERY SALES - RETAIL ANALYTICS

Fetching meaningful insights by analysing 9994 orders of a store and predict upcoming sales, stock requirement using various machine learning models and encapsulating the whole idea into a Web Application project using streamlit.

**Python Libraries:** Streamlit, Sklearn, Plotly, NLTK, Numpy, Pandas, Matplotlib, OS, and more