

# Omkar Ingale

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## EDUCATION

### Nanyang Technological University

Sep 2020 – Dec 2023 | Singapore

BE, Computer Science

- CGPA: 4.37/5.0
- Accepted into the Accelerated Bachelors Programme

### Rutgers, The State University of New Jersey

Aug 2019 – May 2020

BS, Computer Science

New Jersey, USA

- GPA: 3.83/4.0
- All semesters on Dean's List, invited to join Honors Program

### Global Indian International School

Sep 2017 – May 2019 | Singapore

International Baccalaureate Diploma Programme

Score: 39/45

## CERTIFICATIONS/ PROGRAMS ATTENDED

### JPMorgan Chase & Co. Virtual Experience Program Participant [2021]-[5 Hours]

Participated in the open access JPMorgan Chase & Co. Virtual Experience Program with Forage

Tasks completed include:

- o Interface with stock price data feed
- o Use JPMorgan Chase frameworks and tools
- o Display data visually for traders

### Global Academic Internship Program offered by Corporate Gurukul

- o Program on deep learning offered by National University of Singapore and HPE
- o Graded A+ by faculty of NUS

### HackerRank Problem Certificates

Problem Solving, Java Basic, Python Basic

### LinkedIn Skill Assessment Badges

Java, Python, Object-Oriented Programming

## PROJECTS

### Space Racing feature for BeatStride

Aug 2021 – Dec 2021

- Developed alongside team for my Software Engineering course.
- Read user location and ensure that they are within “designated run areas” i.e., areas marked by Google Places API.
- Record user coordinates and race details to Firestore database.

### Depression detection using Neural Network

Jun 2021 – Sep 2021

- Developed alongside team during Global Academic Internship Program offered by Corporate Gurukul with the help of NUS and HPE.
- Scrapped reddit data using the PRAW API
- Built a LSTM neural network to classify text as Depressed or Not Depressed
- Created a Flask application for the GUI
- Created a docker container for deployment
- Deployed using Azure as a Web App

### Bitcoin price prediction using LSTM

Jan 2021 – May 2021

- Developed alongside a team for my Introduction to Data Science and Artificial Intelligence course.
- Used machine learning models such as Long Short Term Memory (LSTM) to predict bitcoin prices using previous bitcoin prices in addition to 5 global stock indices
- The data was obtained via the Alpha Vantage Stock API (alpha\_vantage) and Yahoo Finance (yfinance)

## SKILLS

Java



Python



SQL



C/C++



Microsoft Office

