Simran Goel

2nd Year Student studying MEng Computer Science at UCL

EXPERIENCE

Accenture — Work Experience

APR 2024

Conducted data analysis and explorations using **Python** and **SQL** and trained neural networks to predict certain diagnoses e.g. Diabetes and Heart Attacks

Code Ninjas — *Teaching Assistant*

AUG 2022 - AUG 2023

Delivered interactive coding classes for children aged 5-14 and provided personalised guidance during coding activities and game development projects using **C# in Unity** and **JavaScript.**

EDUCATION

University College London— MEng *Computer Science*

2023 - 2027 // 1st year grade: 68%

Marketing Executive in AI Society

Enrolled in the optional module Intelligent Systems

Member of Computer Science Society and Dance Society

Trinity School Croydon — *Maths, Further Maths, Computer Science, Physics*

2021 - 2023 // A*A*AA

Academic Scholar

Ran an out of curriculum Maths club for younger years

Member of Robotics club

PROJECTS

FHIRWorks Hackathon with Gosh & ROCHE

I used the VertexAI API to create a chatbot to aid treatment for therapy patients as part of a prototype of a mental health app.

Pantry Tracker - Pantry2Table

I used *React, Firebase, Next.JS* and *VertexAI API* to create a pantry tracker with an AI recipe maker. Soon to add.. A camera option to upload pantry items using an Image classification model + user accounts.

CONTACT DETAILS

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https://github.com/simrangoel0
Linkedin:
https://www.linkedin.com/in/simran-goel00/

SKILLS

Familiar with Pandas and Tensorflow for building neural networks

Programming skills in Python, Java and C

Used Matplotlib, Seaborn and k-means clustering to identify dominant colours in an image.

Experience in developing web apps using Java and HTML and React, Next.JS

Distinctions in LAMDA Public Speaking and Acting Grade 5

LANGUAGES

Native **English** Speaker, Fluent in listening to **Hindi**, Elementary level speaking in Hindi