

Smit Patel

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Education

Master of Information Studies

McGill University, Monntreal, QC

September 2023 – Present

GPA: 3.42/4.0

B.Tech in Information Technology

K.J. Somaiya Institute of Technology

August 2019 – June 2023

GPA: 8.81/10.0

Skills

Programming Languages: Python, HTML, CSS, Java

Development Frameworks: TensorFlow, Keras

Databases: MySQL

Tools & Technologies: Tableau, MS Office, Git, Jupyter, Blender

Experience

EduVance

AR/VR Developer Intern

June 2022 – August 2022

Mumbai, India

- Designed and developed various 3D models on Blender.
- Visualized developed models on the in-house AR platform "EnablAR".

KJSIT (IT Department)

IoT Intern

December 2021 – January 2022

Mumbai, India

- Worked on the problem statement - 'Air Quality Monitoring System with Toilet Sanitization'.
- Created a prototype of a smart toilet using IoT devices that would automatically flush when the turbidity level of water increases.
- Embedded a gas sensor to inspect ammonia and air quality level and monitored these values on an android application.
- Using the data collected i was able to analyse the patterns in air quality and the sanitaion patterns of the toilets. The app helped to visualise the patterns.

Projects

Identification and Classification of Plant Leaf Diseases (Web app and Android App) | Python, Flutter, TensorFlow, Keras

- Utilized Generative Adversarial Networks (GAN) to augment the dataset; predicts whether the leaf is diseased or not when inputting the leaf image; displays the remedies to cure the predicted disease.
- Employed labeling for annotating the dataset; utilized YOLO object detection for predicting the diseased leaf; performs real-time detection.
- Employed Flutter to build the android application.

Electricity and LPG Billing System | Java, MySQL

- Employed Java Swing GUI to create an interactive application to calculate and generate reports of the electricity and LPG bills.
- Employed MySQL Database to store all the details of the customer and the details of the bills generated.

Certifications

- Neural Networks and Deep Learning – Coursera
- Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization – Coursera
- Fundamentals of Deep Learning – NVIDIA Deep Learning Institute
- Microsoft Power BI Data Analyst Professional Certificate – Coursera (Ongoing)