Palash Shah

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github | linkedin

Education

SRM Institute Of Science and Technology Expected graduation date: Jun. 2026
B.Tech in Computer Science and Technology | My Portfolio ***GPA: 9.67***
Relevant Courses: Web Software Construction (JavaScript), Maths and Data Science (Python), OOP (C++), Machine Learning and AI, Algorithms and Data Structures I and II (C++)

Experience

AccQSure Dec. 2023-Present
AI Research Intern *Python, Git, GitHub*

- Currently fine tuning Llama on custom datasets. Developing a customer support ecosystem around the model.

Aerospace Laboratories SRM Sep. 2023
Machine Learning Fellow *Python, Flask, HTML, Git, GitHub, Docker, Pytorch*

- Developed several ship detection models using yolo based models. Changed architecture to create a custom detection model to better detection accuracy.

Samsung India Mar. 2024 - Present
Samsung Prism Intern

- Created a custom RCNN on the stairnet-V2 architecture to detect stairs with end to end precision.Developed an app to integrate the model to a ToF sensor for furthur sustainability.

Projects

LingoFlow Jul. 2023 - Ongoing
Personalized and secure Language translation Model *Python, JavaScript, HTML, Flask, Bootstrap, Git*

- Leveraged RNN's to create a LSTM model with encoding vectors, target sequencing and then using a decoder to produce the next character .
- Created a pipeline integration to a dedicated website access with Flask.

Agamoto Sep. 2022
Deepfake Detection Model *Python*

- Created a custom CNN on keras
- Successfully classified 6 types of deepfakes using MTCNN to first extract faces from videos and images and then leveraged Resnet to classify making it compatible to video and image files.

LukeDetect Sep. 2022
Lukemia based Classification model *Python*

- Utilized Transfer Learning to fine tune Efficient-Net to detect lukemia in several stages in the blood replacing the swab test.

Research

Maritime Surveillance Oct. 2023 - Sept.2024
Co-Author

- Co Authoured a paper on maritime detection with OCR accepted and published in the ICECA conference
- Writing a paper on aggregation Functions in Federated Learning.

Skills

Languages:
Python, Java , R, C++, SQL, HTML, JavaScript, C

Technologies & Tools:
VS,Linux,Docker,Postman

Certifications:
Stanford Machine Learning Specialisation. Nvidia Machine Learning Specialisation