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Internship

Machine Learning Intern

Since January 2025

Kokorick

- Designed and implemented machine learning models for real-world applications, optimizing predictive accuracy and efficiency.
- Conducted data preprocessing, feature engineering, and model fine-tuning to enhance performance.
- Collaborated with a team to deploy ML models in a production environment, ensuring scalability and reliability.
- Developed solutions using advanced deep learning frameworks and object detection models.
- Integrated state-of-the-art computer vision techniques to improve model generalization.

Video Creator Intern

Jul 2024 - Dec 2024

GeeksforGeeks

- Responsible for producing and editing educational video content on Machine Learning and Data Science.
- Utilized Davinci Resolve for professional-grade editing, including effects, transitions, and synchronized audio.
- Coordinated with content strategies to design engaging learning materials for software development tutorials.
- Produced 35+ educational videos.

Summer Intern

Jun 2023 – Jul 2024

Lpu Innovation Studio

- Built a machine learning model for emotion recognition and mood-based music recommendation.
- Used Python, TensorFlow/PyTorch for data preprocessing, feature extraction, and model training.
- Optimized model performance through hyperparameter tuning and cross-validation.
- Integrated the model with a music recommendation system for real-time suggestions.
- Gained hands-on experience in ML, AI applications, and model deployment.

Experience

Founder and CEO

Since November 2024

The HomeDaze

Founded and scaled TheHomeDaze,

- A property rental startup, growing user base to 500+ active users. Led a technical team of 3, improving platform speed by 30% and increasing user engagement by 25%.
- Executed marketing strategies that increased platform adoption by 40% and boosted daily active users by 300+ in 3 months.
- Enhanced UI/UX of the web app, improving user flow by 20%, leading to better user retention and engagement.
- Supervised product development and cross-functional workflows to maintain efficiency and scalability.

Projects

Project Hairdo /TensorFlow, Scikit-Learn

Feb 2024

- Built a facial recognition model for personalized hairstyle recommendations.
- Improved accuracy using a custom dataset with 5000+ celebrity face types.
- Utilized TensorFlow and Scikit-Learn for model development and deployment.
- Conducted extensive testing and validation to improve prediction accuracy.
- Github Repository Link: <https://github.com/angreno/Project-Hairdo>

Brain Hypodense Area Segmentation/ Monai , scikit learn , Open-Cv , Tensorflow , Numpy

Dec 2023

- Analyzed NCCT brain images to identify hypodense regions indicative of medical conditions.
- Implemented U-Net architecture to achieve precise segmentation of hypodense areas.
- Utilized Snap ITK and OpenCV for medical image processing and enhancement.
- Developed automated preprocessing techniques for noise reduction and feature extraction.
- Created a detailed report visualizing segmented brain regions for better diagnosis.
- Github Repository Link: https://github.com/angreno/Proxmed_hackathon

Certifications

Cloud Computing

NPTEL

Jan 2025

Prompt Engineering for ChatGpt

Vanderbilt University

Nov 2024

Machine Learning

GeeksforGeeks

Jul 2024

Generative Ai

Coursera

Mar 2024

Leadership through Social Influence

Coursera

Jun 2023

Technical Skills

Languages: Python , Kotlin , CPP

Technologies/Frameworks/libraries: Numpy , Pandas , Ultralytics , Monai , TensorFlow, Scikit-Learn, Open-cv, Blender
Android Studio , Blender , Adobe Premiere Pro, Unity

Skills: Data Structures and Algorithms , Leadership , Problem-Solving Skills , Team Management , Communication ,
Adaptability

Education

Lovely Professional University

Computer Science and Engineering

2022 – 2026

Jalandhar, Punjab

Indian Public School

Intermediate

2019 – 2021

Bihar

Indian Public School

Matriculation

2018 – 2019

Bihar