AAKRITI KINRA

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A focused and diligent student looking for opportunities to utilize my AI/ML and data science skills and work well with people experienced in the field. Looking to polish my organizational skills and teamwork ability.

EDUCATION

2019–2023
B.TECH. COMPUTER SCIENCE WITH SPECIALISATION IN BIG DATA ANALYTICS
SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
CHENNAI, TAMIL NADU
Cumulative GPA of 9.98 on a scale of 10
Awarded with Performance based scholarship from the institution.

2018-2019
HIGHER SECONDARY EDUCATION
ARMY PUBLIC SCHOOL
PUNE, MAHARASHTRA
Scored 97.2% in CBSE board exams

EXPERIENCE

JULY 2021-PRESENT
MACHINE LEARNING INTERN, TECH ANALOGY

JULY 2021-PRESENT
AWS MACHINE LEARNING SCHOLAR'21, UDACITY

SEPT 2020-PRESENT
COMMUNITY EXECUTIVE, SRM MACHINE INTELLIGENCE COMMUNITY
An undergraduate research community focusing on the latest happening in AI/ML and data science.

AUG 2020-PRESENT
GLOBAL AMBASSADOR, WOMENTECH NETWORK
A community that promotes gender diversity in tech and connects professionals with top companies and leading startups that value diversity, inclusion and strive to create a culture of belonging.

AUG 2020-OCT 2020
CONTRIBUTOR, HACKINCODES CONTRIBUTOR'S HACK 2020

APR 2020-OCT 2020
CONTENT CURATOR, THE SIX PM SHOW
Published 1 to 2 blogs per month

DEC 2019-AUG 2020
WEB CONTENT WRITER, NEURONERDZ
Published 1 to 2 blogs per month

JUL 2019-AUG 2020
VOLUNTEER, ROTARACT CLUB OF SRM
Member of photography and media domain

JUL 2019-AUG 2020
CORPORATE EXECUTIVE, STUDENT COPTER RESEARCH ORGANIZATION
• Associate head of the corporate domain
• Successfully organized a webinar in collaboration with an international speaker
• Managed 5+ social media and blogging campaigns
• Oversaw the content writing sub-domain
• Editor and writer on SRM SCRO Medium Publication
• Curated content for 10+ social media posts

SKILLS

- Programming languages: Python, SQL, HTML, CSS, C/C++, Java
- Technical skills: MySQL, SQLite, Flask, Tensorflow, Keras, NumPy, OpenCV, MS Excel
- Tools and platforms: MS Visual Studio, NetBeans, Git, Collab, Heroku, Bootstrap
- Writing skills: WordPress, SEO, Yoast

PROJECTS

1. PaletteNet-Implementation: Implementation of the research paper "PaletteNet: Image Recolorization with Given Color Palette" by Junho Cho, Sangdoo Yun, Kyoungmu Lee, and Jin Young Choi."
2. Employee Management System: A distributed application software that aims to simplify the task of maintaining a company's records in a well-designed database.
3. Lane detection: We have built a lane detection model to detect the lanes on the road using the camera in this project. This model is a critical component of self-driving cars and autonomous vehicles.
4. Movie Reviews Sentiment Analysis: Use NLP techniques to determine the sentiment of the text and classify the review as positive or negative.
5. Handwritten text recognition: This Neural Network model will recognize a single number contained in the image. The system is trained on the MNIST database of handwritten digits.
6. Barcode scanner: A barcode/QR code reader using Python libraries OpenCV and pyzbar.
7. Invisibility cloak: This is a computer vision project that segments a single predefined colour from a video and replaces it with the pre-existing background and hence creates an invisibility cloak like the one used in the Harry Potter books.
8. Contribution to various open-source projects on GitHub during Hacktoberfest 2020 and Contributor's Hack 2020.

CERTIFICATIONS

Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning   Oct 2020
Grade: 98%
Earned certificate by deeplearning.ai

SQL for Data Science   July 2020
Grade: 94.54%
Earned certificate by University of California, Davis

Excel Skills for Business: Essentials   June 2020
Grade: 95.93%
Earned certificate by Macquarie University

Introduction to Data Analytics for Business   May 2020
Grade: 90.41%
Earned certificate by University of Colorado Boulder

Complete Python Bootcamp: Go from zero to hero in Python 3   May 2020
Udemy