KUNAL GARG

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EDUCATION

CHANDIGARH UNIVERSITY Mohali, Punjab
Bachelor of Engineering May 2024
Majorin Computer Science with Artificial Intelligence and Machine Learning
Cumulative GPA: 8.14 /10

LAKSHAY PUBLIC SCHOOL, Arki Percentage: 87
Higher Senior Secondary May 2018 - May 2019

LAKSHAY PUBLIC SCHOOL, Arki Percentage: 87
Senior Secondary May 2016 - May 2017

PROJECTS

LOAN APPROVAL PREDICTION Feb2024

- Developed a machine learning-based loan approval prediction system, leveraging predictive models to assess applicant eligibility.
- Implemented a predictive analytics framework to streamline loan approval processes, increasing efficiency and accuracy.
- Engineered a robust machine learning algorithm to analyze applicant data and forecast loan approval outcomes with high precision.
- Spearheaded the design and implementation of a scalable loan prediction system, optimizing decision-making processes for financial institutions.

PHISHING DETECTON SYSTEM USING DEEP LEARNING Jan2024

- Developed a phishing detection system leveraging deep learning algorithms to analyze intricate patterns in email headers and content, integrating mathematical principles of neural network architecture optimization.
- Employed mathematical modeling techniques within the deep learning framework to discern subtle statistical anomalies in email characteristics, enhancing accuracy in identifying phishing attempts.
- Utilized mathematical concepts such as feature scaling and dimensional reduction in pre-processing email data, facilitating efficient representation learning by the deep learning model for robust phishing detection.
- Incorporated mathematical frameworks for loss function design and gradient descent optimization in training the deep learning model, achieving superior performance in distinguishing legitimate emails from phishing scams.

STUDENTS JOB AND ADMISSION PREDICTION Apr 2023- May2023

- Spearheaded the creation of a machine learning algorithm aimed at forecasting career prospects and admission probabilities for students, leveraging their academic preferences.
- Employed regression analysis methodologies to anticipate outcomes, delivering evidence-based insights to guide students in their academic and career decision-making processes.
- Successfully incorporated the predictive model outcomes into a user-friendly web interface through the application of HTML,CSS, and JavaScript, ensuring accessibility and ease of use.
- Orchestrated the development of a comprehensive system merging academic choices with predictive analysis, fostering a streamlined approach to informed decision-making for students.

TECHNICAL SKILLS

Languages: Java, C/C++, Python
Libraries: matplotlib, pandas, keras, sklearn
Web Dev Tools: Vs code, Git, GitHub
Cloud/Databases: Relational Database(MySQL)
Relevant Coursework: Design and Analysis of Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Artificial Intelligence and Machine Learning
Areas of Interest: AI Developer, Data Analyst, Data Scientist.
Languages: Fluent in Hindi, English

CERTIFICATIONS

- Machine Learning with Python - Coursera
- Google Data Analytics - Coursera
- Deep Learning - Coursera