

NAMGIRI JAYA VINAY

Computer-Science Engineering

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EDUCATION

Graduation(ongoing)	SRM-AP	2022	9.0/10
Intermediate/+2	SARADA INSTITUTE	2018	93.1%
Matriculation	NIRMALA HIGH SCHOOL	2016	9.3/10

TECHNICAL SKILLS:

C,Python,Data Structures,Web Development,Machine Learning

PROJECTS

Machine learning Algorithms Visualization Tool Platform

- Developed a web interface to visualise the famous ML Algorithms and explains the importance of hyperparameter tuning
- A Playground which is designed for Interactive Visualisations that enables users to directly manipulate and explore graphical representations of data , effectively understanding the significance of data and gets minimal understanding of ML models
- This is an end to end project built with easy interface to learn deployed on Heroku platform

Technologies Used : Python, Scikit-Learn, Plotly, HTML, CSS, JAVASCRIPT

Sudoku Solver Application

- Built with backtracking approach to solve the Sudoku in windows operating system.This Tool is available in executable format in my landing page enabling user to quickly download and use at an ease by installing it in their system

Technologies Used : Python, Tkinter, PyInstaller

Inventory Management System

- Interface built to manage all the inventory managements which work as stand alone gui tool having features like exporting the Data into Excel and available in different Themes.This project is deployed in Landing page

Technologies Used : PyQt,PyQt Designer,Sqlite

Smart Mirror

- Built a smart mirror with Raspberry Pi and integrated many modules like Spotify Music Sync,News Headline bar, Push notifications and My Personal calendar Assignments due widget for Important notifications. Understood the API functionality and its working.Also developed interests in embedded systems and Hardware working

EXPERIENCE

Published Chapter which got selected to Wiley Publications

Introduction to Unsupervised Learning in Bioinformatics

- Chapter for the Data Analytics in Bioinformatics: A Machine Learning Perspective, got accepted by Wiley Publication

Content Writing on Data Structures and Algorithms

worked as a technical writer intern in Data structures, Algorithms and System design.

- A part of DAUB TECHNOVISION PRIVATE LIMITED

ACHIEVEMENTS:

- Received Best Outgoing Student 2015-2016 in my School
- Selected for the finals of Bal Shree Award 2012 under Creative Art category

HOBBIES AND INTEREST:

Writing Articles,Event Management,Sketching,Reading Books