Abhinav Sadhu

Machine Learning Enthusiast

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[Student Mail](#)
[Personal Mail](#)

ABOUT

Studying CSE at VIT Vellore (2nd Year Completed), from Bangalore. Keenly interested in machine learning with a special interest in, but not limited to, financial applications of reinforcement learning and unsupervised learning. Open to relevant remote part-time internships.

PROJECTS

[zilminerGUI](#) - A GUI built using .NET aimed at software durability, on top of zilminer, a cryptocurrency dual mining tool.

[IBIS-K](#) *(In-Progress)* - An inventory management solution for small businesses built using Visual C#.NET for a clean and robust UI, and MongoDB aimed at optimal key-document storage, enhancing retrieval speeds.

[StudyDash](#) - A Windows App built using .NET and Google Firebase that aims at helping students focus during study sessions with quick launch capabilities to popular student tools, while also keeping track of deadlines, assignments, etc.

[TextInNotepad (TIN)](#) - A simple windows malware written in python that uses task automation techniques whose essential goal is to communicate a message to the victim while also making it impossible to get rid of the virus through the default windows booting options.

[Myuzik Bot](#) - A discord bot built using the discord API via python which has the capability to stream music and perform basic operations on it, in discord chat groups.

[sighclone.gitbuh.io](#) - A personal portfolio website built using HTML, CSS, JS.

SKILLS

Java - DSA, OOPS, File Management, Multithreading, String Processing, Exception Handling, Generics, JavaFX

Python - Scikit-learn, Matplotlib, XGBoost, PyAutoGUI

Blender - 3D, Video Editing bpython

Machine Learning - Data Preprocessing, SLR, MLR, PR, SVR, Decision Tree Regression, Random Forest Regression, Logistic Regression, K-NN Classification, SVM, Kernel SVM, Decision Tree Classification, Random Forest Classification, K-Means Clustering, Hierarchical Clustering, Apriori, Eclat, UCB Reinforcement Learning, Thompson's Sampling, some basic proficiency in NLP and general statistics.

Frontend - Figma Design, Dart, HTML, CSS, VB.NET, JavaFX

Database - MySQL, MongoDB, Google Firebase

CERTIFICATIONS

[Machine Learning in Python | Udemy](#)

[M001 MongoDB | Mongo University](#)

Hackathons participated - GSDC Hexathon 2021, Hackulus 2021, Virtusa Mini 2021, CYSCOM CTF 2022, Hacktoberfest 2021