

HARSHAL MANOHAR NIKAM

Pune, Maharashtra

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EDUCATION

Pune University Department Of Computer Science, Pune

Oct 2021 – Jun 2023

Master - Computer Science -

Pune, India

Fergusson College, Pune

Aug 2018 – Apr 2021

Bachelor - Computer Science -

Pune, India

HIGHLIGHTS

- Good Knowledge Of Data Structures & Algorithms
- Good Analytical and Problem-Solving Skills.
- OOPS Concept.
- Sound Knowledge Of UNIX Operating Systems.
- Basic Of Algorithm Designing.
- STL Knowledge.

TECHNICAL SKILLS

Programming Languages

Procedural Language:-

Object Oriented Programming:-

Virtual Machine Based Programming:-

Scripting Language:-

Operating Systems:-

Version Control:-

Database:-

Familiar with **Docker**.

C Programming

C++ Programming

Java Programming

PHP, HTML, CSS

Windows, Linux

Github

SQL, MySQL

PROJECTS

Virtual File System 📄 | C Programming

- This project provides all functionality to the user which is same as Linux File system.
- It provides necessary commands, system calls implementations of file system through customised shell.
- In this project we implement all necessary data structures of file systems like Inode Table, File Table, UAREA, User File Descriptor table.

Link:- <https://github.com/21111019Harry/Projects/tree/main/CustomizedVFS>

ProcMon 📄 | Windows Programming using C and C++(Win32SDK)

- This project is used to retrieve all internal information of running process on window platform.
- This project is used to maintain periodic logs for analytical purposes.
- This project maintains log file which contains process name, size of a process, DLL attached with the process, its threads.

Link:- <https://github.com/21111019Harry/Projects/tree/main/Procmon>

Air Quality Index Prediction 📄 | Python, ML, seaborn, sklearn.ensemble

- This project is used to help individuals and authorities make informed decisions to protect human health and mitigate the impact of air pollution.
- This project provides valuable information about air quality using machine learning models. XGBRegressor and RandomForestRegressor algorithm.
- Accurate air quality index predictions can raise awareness of the impact of air pollution on human health.

Link:- <https://github.com/21111019Harry/Projects/tree/main/Air Quality Index Prediction>

EXTRACURRICULAR

Generalised Data Structure Library in C++ 📄

- We have to build one project which will provide all facilities like STL(Standard Template Library) as "Generalised Data Structures Library in C++".

Link:- <https://github.com/21111019Harry/Projects/tree/main/CSTL>