



BHARATH RAJIV A

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OBJECTIVE

It has always been a pleasure for me to write code and exploring new software. My first notable piece of code was to manipulate the cheat engine, which was so exhilarating as it was my first triumph with real-time coding. As a curious little lad, I loved exploring anything I hadn't seen before, When I made my first local website for transferring files within my local area network, I learned about a lot of things about the technicality of hosting them later on.

I am a highly motivated young lad to explore new Fields and a well organized coworker.

SKILLS

- Python (Experienced)
- Ngnix and apache (Intermediate)
- HTML CSS JS (SKILLED)
- Java, C# (Intermediate)
- Shell script (Expert) bash & powershell

INTERESTS

- Martial Arts //(karate Brown Belt)
- Blender //Animation & Logo
- Websites and UI // Created 13 Websites; Fluid
- Reading Books //Genre : Psychology Physics
- Game Engines //Unreal & Cry engine

LANGUAGE

- Russian /*B2*/
- Hindi /*Fluent*/
- English /*Skilled*/
- Tamil /*Native*/
- American Sign Language /*Beginner*/

EDUCATION

2017-2018	Secondary School (SSC) Ponvidhyasharam Grade : 90
2019-2020	Higher Secondary School (HSC) Amrita Vidyalayam Grade : 93
2020-2024	Bachelor of technology Artificial Intelligence and Data Science Chennai Institute Of Technology Grade : 9.3

PROJECTS

Face and Signature Detection

The projects was created based on a theme in smart India hackathon. The core idea of the project is it diagnose whether the photos uploaded in the government portals are up to the standards defined by the portal/institution.

This was achieved by training the program with appropriate datasets and machine learning algorithm. The prototype consist of of working Demo website similar to udai, a central government website integrated with the program using flask.

Video Analytics for surveillance using AI *IP

The project deals with handling video surveillance in banks, ATM and digital lobbies. Getting video analytics of different parameters from the video recording will help the bank to resolve many operational issues at the branches. Resultant of the analysis using various packages for pattern and behavior detection provides - Sentiments of customers, Count of people, Identification and alerting employees to any activity that needs attention

Gentoo Operating System

It was a mini-project done passionately and with adverse care to create a proprietary operating system from existing open source Linux operating system (Gento).The goal was simple and explicit to create a small and optimized operating system that could manipulate and control the electrical system in the given infrastructure using a ARM chip. Tested prototype for typical domestic use.

COURSES

Offensive Security Program (Kali) 2019-20

This program teaches to mimic actual attack performed by hackers to prevent and patch attacks to certain vulnerabilities

Ethical Hacking /In Progress (Fedora / RedHat)

Get to manipulate and access the ocpi model and extensively use of Penetration Testing Tool (Wireshark HashCat JohnTheRipper...)

NPTEL Python for Data Science (Silver Medal)

A 8 week course where I got to indulge myself in manipulation of Data set for visualization and arrive conclusive and unbiased analysis

NPTEL Ethical Hacking (Gold Medal)

A advanced course that involves network exploits and live exhibition of different attacks on existing and discovered vulnerabilities.

NPTEL Data Analytics (Gold medal)

An explicit training on analysing large datasets and handling holistic characters in a dataset for pertaining outlier and using different data models for exhibition of the nature of the data set