HIMANSHU LONDHE

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github.com/himanshulondhe

EDUCATION

University of Maryland, Baltimore County   *August 2019 - May 2021*
Master in Computer Science

Marathwada Mitra Mandals College of Engineering   *July 2014 - June 2018*
Savitribai Phule Pune University
Bachelor of Engineering, Computer Science.

PROJECTS

Enhanced Support Vector Machine with Speed Up and Reduced Sensitivity
Improved the Classification Accuracy of Linear Support Vector Machines by 8-13% by designing a data prepossessing module which reduces 'scatteredness' of the data. [Python, sklearn, pandas, Matplotlib].

A Card Playing Artificial Intelligent Bot
Successfully developed a bot from scratch that plays a trick taking card game that uses memory heuristics, follows predefined rules and mimics the thinking of the programmer. [Python]

Android Factory Image Installer
Developed a script which automatically installs an Android Factory Image on a target device with a minimalist GUI.
Script was able to achieve automation in process of installing a new image onto a Nexus device The script can be easily scaled out to other bootloader unlockable devices. [Android, AVD,ABD,shell script, zenity]

Centralized Multi-User Concurrent Bank Account Manager
Designed and Developed a Bank Server that handles multiple clients and does so using distributed programming concepts. [C++,sockets,mutexes,fault tolerance]

TECHNICAL SKILLS

Languages	Python, C++, C, R, java
Librarires	NumPy, SKlearn, Pandas, Matplotlib
Web Technologies	HTML, git
Database	MySQL, MongoDB
Other	Shell Scripting, YARA rules, Ghidra

PUBLICATIONS

Paper on Enhanced Support Vector Machine with Speed Up and Reduced Sensitivity accepted and published in International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume 6 Issue XII, Dec 2018- Available at www.ijraset.com

CERTIFICATIONS

R 101, (RP0101EN, provided by Cognitive Class) an online course on cognitiveclass.ai

Cyber Security Challenges Opportunities, Information Systems Audit and Control Association

C++, IIT Bombay (Spoken Tutorial).

JAVA, IIT Bombay (Spoken Tutorial).