

HIMANSHU LONDHE

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EDUCATION

University of Maryland, Baltimore County
Master in Computer Science [GPA - 3.67]

August 2019 - May 2021

Marathwada Mitra Mandals College of Engineering
Savitribai Phule Pune University
Bachelor of Engineering, Computer Science. [Overall Percentage: 69%]

July 2014 - June 2018

WORK EXPERIENCE

Ardent Privacy: Machine Learning Engineering Intern

Aug 2020 - Dec 2020

Developed and Implemented a Machine Learning Framework to identify the presence of sensitive data without scanning the content of file and identifying indicators for data minimization.
Successfully tested, integrated and deployed the model on Amazon EC2 web server. [**Python, Apache Spark - MLlib, Big Data Processing**]

PROJECTS

Enhanced Support Vector Machine with Speed Up and Reduced Sensitivity

Aug 2017 - Mar 2018

Improved the Classification Accuracy of Linear Support Vector Machines by 8-13% by designing a data preprocessing module which reduces 'scatteredness' of the data. [**Python, sklearn, pandas, Matplotlib**]

A Card Playing Artificial Intelligent Bot

Sept 2019 - Dec 2019

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**]

Attack Prediction in Networks using Machine Learning

Oct 2019 - Dec 2019

Designed and Implemented a Network Attack Detector using Support Vector Machines in python with an accuracy of 93.96%. Network activity data-set was provided by IEEE knowledge-pit challenge. [**Python, sklearn, pandas, numpy, matplotlib**]

Fall Detection Classifier using CNN - Computer Vision

Feb 2020 - May 2020

Implemented a Concurrent Neural Network to process and classify sequences of video streams into fall/no-fall events with an accuracy of 92-95%. [**Python, SKlearn, keras, tensorflow**]

Centralized Multi-User Concurrent Bank Account Manager

Sept 2019 - Dec 2019

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
Libraries	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
C++, IIT Bombay (Spoken Tutorial).
JAVA, IIT Bombay (Spoken Tutorial).