Sushobhan Pramanik

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hackerrank:// SunnySaheb

🎓 EDUCATION

SIKKIM MANIPAL INSTITUTE OF TECHNOLOGY

B.Tech in Information Technology
July 2019 - present

✳ CERTIFICATE

COURSERA:
1. Divide and Conquer, Sorting and Searching and Randomized Algorithms
2. Data Structures
3. Neural Networks and Deep Learning
4. Machine Learning by Andrew Ng
5. Data-driven Astronomy
6. Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning

UDEMY:
1. A Beginner's Guide To Machine Learning with Unity
2. Learn Basic of Computer Vision with OpenCV Library using Python
3. Java Tutorial for Complete Beginners
4. Code Your First Game: Arcade Classic in JavaScript on Canvas
5. The Complete Web Developer in 2020: Zero to Mastery
6. Python Programming Bible: Hands-On Python 3 with 10 Projects
7. C Programming For Beginners - Master the C Language

</> SKILLS

Language:
C • C++ • Python • JavaScript • HTML• CSS

Familiar with:
Java • SQL • MATLAB

Framework:
React • jQuery • Node.js • Bootstrap • Django

Tools and Others:
Git - Github • TensorFlow • SQLite • Keras • LaTeX • LibreOffice • Microsoft Office

Platform:
Mac-os • Linux • Windows

⚙ PROJECT

Wildfire Tracker
- A React application to track wildfires and plot them on a Google map.

AI learns to play Flappy Bird Game
- Using the neuroevolution of augmenting topologies trained an agent to play a clone of the game Flappy Bird.
- Programmed both the game environment and the AI using python.

Class-Room
- Developed a video calling application which supports feature like chat rooms, video chat, and much more.

Drawsiness Detection System
- A computer vision system that can automatically detect driver drowsiness in a real-time video stream and then play an alarm if the driver appears to be drowsy.
- Used dlib library and applied facial landmark localization to monitor eyes.

Sudoku Game and Solver
- Developed a UI to play Sudoku game and Implemented a solver feature that uses Backtracking algorithm to find solution.

Student Grade Predictor
- Implemented the linear regression algorithm to predict students final grade based on a series of attributes.

Mess-Food Tracker
- Made a feeb-back web application for our mess used html, css, js, bootstrap, for backend used node.js and express and Sqlite3.

✏ PUBLICATION

- Author: S. Pramanik. "Methods and Applications of Speech Recognition Technique in healthcare : An Overview." International Journal of Scientific Research in Science and Technology - under review

💼 EXPERIENCE

HACKTOBERFEST 2020 | Open Source Contributor
Oct 2020

MICROSOFT | Undergraduate Masters Virtual Intern
June 2020 – July 2020

JP MORGAN CHASE CO. | Software Engineering Intern Virtual
May 2020 – June 2020