HARSHIT AGARWAL

CONTACT INFORMATION

9540109963
agarwal.harshit2612@gmail.com
https://github.com/harshit-ag
www.linkedin.com/in/harshitAgarwal26

ACADEMIC HISTORY

Jaypee Institute of Information Technology (JIIT), Noida- Sector 62

Integrated B.Tech. - M.Tech. (CSE)

2016 - May 2021 CGPA 8.1

EXPERIENCE

- Technical Content Writer, GeeksforGeeks.
- Team Leader SIH , 2019 & 2020

PUBLICATIONS

- Discovering Motifs in DNA Sequences: A Suffix Tree Based Approach
- CPDP: A Connection based PDP Algorithm
- Book Chapter: Partial Digest Problem

HONORS-AWARDS

- 1st runner up SMART INDIA HACKATHON , 2019
- Winner SMART INDIA INTERNAL HACKATHON, 2020
- WON one 1st prize and four 2nd prizes in manual and autonomous robotics events.

EXTRACURRICULAR ACTIVITIES

- Delivered a workshop in java under the IEEE student branch, JIIT-62.
- Organized robotics-based events in IMPRESSIONS-2018 and a manual robotics event.
- Volunteer Microcontroller Based Systems & Robotics Hub "μCR"
- Volunteer IEEE Student Branch, JIIT

INTERNSIHPS

Software Developer Intern

Qwerty Thoughts | May 2019 – Jul 2019

Worked on epub parser in nodejs , web crawler in python and built an API in flask for NER extraction.

Intern

Internity Foundation | May 2018 – Jul 2018

Learned Basic Machine Learning Algorithms in Python and did a project on sign recognition using Multilayer perceptron

SPECIALIZATIONS/TOP SKILLS

- General Programming: C , C++ , Python
- Industry Knowledge : Data Structures & Algorithms, Machine Learning
- Tools & Technologies : Flask, Git, REST API, MYSQL, React
- Soft Skills : Work Ethic, Determination and Persistence, Problem-Solving Skills

PROJECTS

VOICE PRESCRIPTION   SIH 2020 | Jan 2020 - Feb 2020

App to write formatted prescriptions based on dictation from the doctor. The app is provided security with compliance to HIPPA rules such as Breach Detection, Auditing, and logging. Technology Stack: Python, Flask, MongoDB, Android, AWS

GVA CALCULATION   SIH 2019 | Mar 2019 - Apr 2019

A prototype built for "Ministry of Statistics and Programme Implementation" for calculating GVA. A robust App that can read raw data from excel files, calculate GVA, and plot them. Technology Stack: Django, openpyxl, Highcharts, Python

REINFORCEMENT LEARNING   Jun 2019 -May 2020

Applied reinforcement learning algorithms to games like chess and ultimate tic-tac-toe using Deep Neural Networks and compared it to existing solutions.

LIBRARY MANAGEMENT SYSTEM   Jan 2018 - May 2018

It contains work like the number of available books in the library, the number of books are issued or returning or renewing a book or late fine charge record, etc. Technology Stack: HTML, CSS, PHP, MYSQL, JAVASCRIPT