BASAV BAMRAH

Dehradun, Uttarakhand
+91 8077549924
basavbamrah@gmail.com
linkedin.com/in/basav-bamrah/
github.com/basavbamrah
hackerrank.com/venom_devil

OBJECTIVE

A highly organized and hardworking individual seeking a responsible position to learn and utilize skills to the maximum

EDUCATION

B.Tech- Computer Science and Engineering
Baba Banda Singh Bahadur Engineering College, Fatehgarh sahib, Punjab
JULY 2019 – PRESENT
Cgpa: 8.89

XII (ICSE)| Cambrian Hall, Dehradun, Uttarakhand
2018 – 2019
Percentage: 86.66%

X (ICSE)| Cambrian Hall, Dehradun, Uttarakhand
2016 – 2017
Percentage: 87.66%

TRAINING AND INTERNSHIPS

Data Science Trainee | Netmax Technologies Pvt. Ltd.
AUGUST 2022 – PRESENT
Trainee at Netmax Technologies in Data Science and Machine learning Field

Linux Training | IIT Spoken Tutorials
DECEMBER 2021

Cyber Security and Ethical Hacking Intern| Knowledge Solutions India
SEPTEMBER 2021– OCTOBER 2021 (6 WEEKS)
Learned basics of ethical hacking and cyber security and made project (backdoor for windows)

Certificate of Participation in Ethical Hacking| Entrepreneurship Cell IIT Kharagpur
DECEMBER 2021

Data Science, Machine Learning and AI using Python | Advitya IIT Ropar
JULY 2021 – AUGUST 2021
Made two prediction models as part of internship

Machine Learning | Coursera
JULY 2021
C++ Training | IIT Spoken Tutorials
FEBRUARY 2021
Certificate of Training in Python| Internshala
JUNE 2020

SKILLS

- Data Science and Machine Learning
- Database Management (MySQL)
- Internet Of Things: (Arduino, Raspberry Pi, Nodemcu)
- Linux
- Programming Languages (Python, Java, C, C++)

Projects

- Sign Language Recognition using Convolutional Neural Networks
  - Recognize American Sign Language using CNNS, OpenCV in python
- Titanic Disaster Survival Prediction using Data Analysis and machine learning
- Hotel Booking Demand using machine learning in python
- Personal Linux Assistant in python
  - An assistant specific to Linux environment and help to automate day to day life, using python and MySQL databases with encryption
- Netcat Replacement
  - Alternative for Netcat a widely used tool to provide reverse shell and exploit victim, using python with Socket library
- Backdoor for windows
  - A backdoor for windows OS to spy and perform tasks like keylogging, screenshots
- CO2 Emission Prediction model using machine learning
- Heart Disease prediction model using machine learning
- Smart Door unlock system using Raspberry pi 4 in python with face recognition
  - Including libraries OpenCV, RPi, GPIO
- Smart Irrigation system using Arduino with soil moisture sensor, servo motor and water pump
- Interfacing GSM module with Arduino Uno, used to send, receive text messages and call

ACTIVITIES

- Presented research paper on Sign Language Recognition Using Convolutional Neural Networks at International Conference of Latest Trends & Technology
- Active member of IEI student chapter
- Student coordinator of IOT lab
- Member of student NAAC Committee
- Organized workshops in college
- Organized Technical event on youth empowerment Towards Technology