SOHAM RAJPUT

(+91) 836-835-3477
sohamrajput7@gmail.com
linkedin.com/in/sohamrajput7

ACADEMIC CREDENTIALS

Adv. Diploma SET – Artificial Intelligence (Fast-track)   Sept. 2021 - Present
Centennial College, Progress Campus
Ontario, Canada

Bachelor of Engineering – Information Technology   Aug. 2016 – Sept. 2020
Netaji Subhas Institute of Technology
University of Delhi, Delhi, IN
- CGPA – *7.92/10*

Class 12th, CBSE-AISSCE   2016
Venkateshwar International School
Sector-10, Dwarka, Delhi, IN
- Aggregate Percentage – *95%*
  (in Math, Physics, Chemistry, English)

Class 10th, CBSE-AISSE   2014
Venkateshwar International School
Sector-10, Dwarka, Delhi, IN
- CGPA – *10/10*

PROFESSIONAL EXPERIENCE

Data Science Intern   June 2019 – July 2019
Builder.ai (Formerly Engineer.ai)
Gurugram, Haryana, IN
- Worked closely with the Engineering team to build an automated enterprise-level slack bot for corporate use
- Built Automated price updater for different (AWS) EC2 instance types

TECHNICAL SKILLS

- **Programming Languages:** Python (Expert), C++ (Intermediate), SQL (Intermediate)
- **Operating systems:** Windows, Linux (both CLI and GUI), and MacOS
- Knowledge on Predictive Analysis, Object-Oriented Design, Shell Scripting (bash), Version Control System
- Hands-on experience with AWS Services, AWS CLI and AWS SDK (boto3)
- Hands-on experience with data visualization tools such as Tableau

PROJECTS

- Handwritten digit recognizer web application trained using Convolutional Neural Networks over MNIST handwritten dataset
- Prediction of heart disease (Cleveland) and diabetes (PIMA) using multiple classifiers and an ensemble model to get the best results
- Prediction of future sales on a time-series dataset using LSTM
- Serverless Slack Bot using AWS Lambda and AWS API Gateway

PRESENTATIONS, PROCEEDINGS, AND PAPERS

- Malhotra, A., Rajput, S., & Bisherwal, D. (2020, August). *Heart disease analysis and prediction using voting classifier.* Paper presented at International Conference on Latest Advancements & Future Trends in Engineering, Science, Humanities & Management.

EXTRA-CURRICULAR ACTIVITIES

- Active and contributing member of 'Unhad Foundation', a non-govt. organization

LANGUAGES KNOWN

- Primary language is **Hindi**
- Fully fluent in reading, writing and speaking **English**

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate
- Coursera - Machine Learning (Stanford University)
- Coursera - Mathematics for Machine Learning Specialization (Imperial College London)
- Coursera - Neural Networks and Deep Learning (deeplearning.ai)
- Coursera - Algorithms - Part 1 and 2 (Stanford University)
- edX - CS50x: Introduction to Computer Science (Harvardx)