

Himanshu Saini

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BRIEF

I am a highly skilled and passionate software developer with proficiency in **C++** and **Python**. I have knowledge of popular libraries such as **Numpy**, **Pandas**, **Scikit-Learn** and experience with **Machine Learning** and **Deep Learning** frameworks in Python. I also have experience in building web projects using **React** and **NodeJS**.

TECHNICAL SKILLS

Languages	: C++, C, Python, Java, JavaScript
Libraries	: Pandas, Numpy, Keras, Scikit-Learn, ReactJS, NodeJS, ExpressJS
Deep Learning	: Neural Networks, CNN, RNN, Image Classification
Databases	: SQL, MongoDB
Dev Tools	: Visual Studio Code, Git, Anaconda

EDUCATION

Gurukul Kangri Vishwavidyalaya <i>Bachelor of Technology in Computer Science and Engineering</i>	Haridwar, Uttarakhand, India <i>December 2020 – Currently in 4th year</i>
Pathania Public School <i>12th in the year 2019</i>	Rohtak, Haryana, India <i>Grade - 81.6</i>

PROJECTS

Online Judge	<i>JavaScript, React, NodeJS, Python, MongoDB</i>	Source Code
<ul style="list-style-type: none">An online judge system to test programs in programming contests.Supports languages such as C++ and Python.The backend of the project was implemented in NodeJS with ExpressJS and MongoDB was used to store user data.The frontend was implemented with ReactJS and libraries such as MUI, Tailwind CSS.		
House Price Prediction	<i>Python, Numpy, Pandas, Matplotlib, Seaborn, Scikit-Learn, Keras</i>	Source Code
<ul style="list-style-type: none">A house price prediction model using advanced regression and deep learning techniques.The data-set was imported from Magic Bricks and contains information from urban areas in Delhi.Highest testing score was 87 percent.		
Image Classification	<i>Python, Numpy, Pandas, Matplotlib, Keras</i>	Source Code
<ul style="list-style-type: none">A Deep Learning model built using Convolutional Neural Networks that classify images on Cifar-10 data-set.The model categorizes images into the various classes in the data set accurately.Model accuracy was 84 percent on testing.		

CERTIFICATIONS AND ACHIEVEMENTS

- Supervised Machine Learning - Regression and Classification**, An online non-credit course offered through **Coursera**.
- Rank - 1**, in the Data Analysis competition held on **GeeksForGeeks**.
- Top 500**, Secured a rank in top 500 in **AWS DeepRacer Student's League** in August circuits. Was awarded a scholarship on Udacity's Deep Learning Course.
- Rank - 2206**, amongst more than 50,000 participants in the competitive programming contest held by **Newton School**.
- Rank - 80**, my team got a rank of 80 amongst more than 200 teams in the competitive programming contest held by **TeamsCode**.
- Pupil (1205)**, on **Codeforces** platform. Have solved more than 500 Data Structure and Algorithm problems.