Varun Prohit
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Education

Program	Institution/Board	%/CGPA	Year
B.Tech. (Computer Science & Engg.)	Indian Institute of Information Technology Una, Himachal Pradesh	**9.78/10**	2020-Present
12th (CBSE)	Sun International School Jhansi, Uttar Pradesh	**95%**	2018-19

Projects

1. Song Recommendation System — **Aug 2022 - Nov 2022**

Python, ReactJS, TensorFlow, NodeJS

○ Create a model based on sentiment analysis using a dataset of four lakhs of labelled data. It will recommend songs based on the users current state of emotion with **88% accuracy**.

○ *Keywords: RNN, GPU, Python, Google Colaboratory, Keras, API Confusion Matrix.*

2. Scholorship-o-polis — **Mar 2022 - May 2022**

ReactJS, MySQL, SCSS, JavaScript, HTML5, NodeJS

○ Created a web application which helps under-graduated medical and engineering students to get to know the information about the scholarships for which they are eligible.

○ *Keywords: Scholarship, DBMS, Web Development.*

3. Heart Stroke Prediction — **Aug 2021 - Nov 2021**

Python, Pandas, NumPy, Confusion Matrix

○ Analyzed the dataset of people regarding their health and predict their chance of heart stroke. Also compared the efficiency of supervised learning techniques viz. Logistic Regression, Descion Trees Random Forest, Support Vector Machines over the dataset.

○ *Keywords: Anaconda, Python, Machine Learning, Matplotlib, Scikit Learn, Confusion Matrix.*

Technical Skills

○ Programming Language: C, C++, Python

○ Database System: Mysql

○ Framework: ReactJS, Django

○ Libraries: TensorFlow, NumPy, Pandas, Matplotlib, Scikit-Learn, Keras

○ Web Technology: HTML, CSS, JavaScript, NodeJS

○ Operating System: Windows, Linux

○ Tools: Latex, Anaconda, Git, Google Colaboratory

Achievements/Awards

○ Successfully completed *Deep Learning Specialization Certificate* by Andrew NG.

○ Secured position in top 400 in **Google ML Bootcamp India.**

○ Secured 2627th rank out of 10k in *Google Kickstart* round H conducted by Google (2021).

○ Secured 2013th rank out of 24178 participants in *Weekly Contest 308.*

○ Solved more than 1000 questions of DSA and Competive Programming on *Codeforces* , *Codechef* and *LeetCode.*

○ Got higher studies scholarship *MMVY* by Govt. of Madhya Pradesh for securing abive 85% in XII.

○ Gold Meadlist in first and second year of B.tech program.

Positions of Responsibility

○ *Problem Settler* at Meraki and FORCE club of IIIT Una (2022- Present).

○ *Coordinator* at AAVESH, FORCE and EPMOC club IIIT Una (Nov 2021-Present).

○ *Event Organizer* for Techtatva IIIT Una (Dec 2021- Jan, 2022).