Rohan Raj Kansal

SDE (B.Tech)
Computer Science & Engineering
at IIT Mandi
CGPA:8.87/10

IIT Mandi, Himachal Pradesh
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Links

Github: **BeingHomosapien**
Twitter: **RRK_2514**
LinkedIn: **Rohan Raj Kansal**
Portfolio: **Github.io**

Skills

OS
GNU/Linux, Windows, MacOs

LANGUAGES
C/C++, Java, Python, Javascript, C#, R, Matlab

WEB3 DEVELOPMENT
HTML, CSS, Javascript, React, ExpressJS, Solidity

ML/DL
Keras, Tensorflow,
CNN, RNNs, LSTMs, Tranformers

DATABASES
MySQL, Redis, MongoDB, GraphQL

OTHERS
Markdown, LaTeX, Git, Compilers Design, Unity, Unreal, GameMaker

Coursework

Paradigms of Programming,
Data Structures and Algorithm,
Advanced Deep Learning (Reinforcement Learning),
Deep Learning and it's Applications,
Information and Database Systems,
Compilers Design,
Performance Analysis of Computer Networks,
Game Design

Education

2019-2023
B.TECH. IN CSE
IIT Mandi
CGPA : 8.87/10

2017-2019
HIGH SCHOOL
Budhal Dal Public School, Samana
Percentage: 95.4%

Personal Projects

JAN 2021- FEB 2021 **Self Driving Car Simulation** **Unity, Genetic Algorithm**
A simulation of a self driving car made in unity with the help of optimization using genetic algorithm. the neural network takes in three values from three distance sensors and output the values of acceleration and turn. Link to the Repo

JAN 2021 **Chat Bot For College freshers** **NLP, BERT - Transformer**
This was made to help the freshmen clear there queries about the college. We created a custom dataset. Using pre-trained BERT and fine tuning it for our dataset. Link to the Repo

APRIL 2020-MAY 2020 **Local Library System** **WebD, MySQL, ExpressJS**
A local library system that was made online. Use can issue and return books while the admin can add the books as well. Made use of MySQL database to store the data and back-end made using ExpressJS. Link to the Repo

Work Experience

3RD JULY, 2023 - NOW **Software Engineer @ Arista Networks**
A full time engineer at Arista Networks
Major Tasks:
1. Bug Fixes
2. Implementing Features
3. Maintaining Packages

13TH JUNE, 2022 - 8TH AUGUST, 2023 **Software Development Intern @ Arista Networks**
Secured an internship at Arista networks a Software Developer.

Position of Responsibility

DECEMBER 2022 - JUNE 2023 **Head of Finance Team in Exodia '23**
I was the head of Finance Team in Exodia'23 which is the Annual Cultural Fest of IIT Mandi

OCTOBER 2022 - DECEMBER 2022 **Head of Finance Team in RannNeeti '22**
I was the head of Finance Team in RannNeeti '22 which is the Annual Sports Fest of IIT Mandi

Achievements & Certifications

OCTOBER 2023 **Quantitative Finance & Algorithmic Trading in Python**
Completed the basic course on Quantitative Finance in Python. Learned about various models and assumptions while implementing those models. Link to the Certification