Uday Agarwal
Software Engineer

Aiming to Solve most of the problems that exists in the world. Making new products that will help the future world in its own way.

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EDUCATION

Bachelor Of Technology
Bennett University

07/2017 – Present

Secondary Education
Kautilya Senior Secondary School

06/2014 – 03/2016

PERSONAL PROJECTS

Self Driving Car
- Converted a RC Car into a Self Driving Car.
- I used Arduino to control the motors and raspberry pi.
- Developed lane detection code in python.

Confirmo
- Railways Train Booking Platform where if the ticket is not available then it will show break trains to get your ticket confirmed.
- Used HTML, CSS and javascript to design the page and javascript to write function and algorithms to make break train Journey code.
- Used JSON and Ajax to fetch data from Indian Railways API.

Voxup
- Created a platform (Android application) name Voxup, which is available on Google Play Store, where you can post your daily life problem.
- I used Firebase Realtime Database and Java Programming.

INTERNSHIPS

Advanced Research
Georgia Institute of Technology

06/2019 – 08/2019   *Atlanta, Georgia*
Achievements/Tasks
- I worked on drones like if Drone wants to go from point A to point B and there are unstable condition like high winds then how should it go.
- Developed python program by using, Graph , Automata, and minimum rectangle decomposition of rectilinear polygon.

Software Engineer
Leading India

12/2018 – 01/2019
Achievements/Tasks
- To convert English and Hinglish words and sentences to one specific language(Devanagari).
- I used keras to convert words into vector and seq2seq model to translate them.

SKILL

Java / C++ / Python ●●●●●
Data Structure ●●●●●
Algorithms ●●●●○
Android Studio ●●●●●
Web Developnment ●●●●○
Machine Learning ●●●●○
Networking (TCP/IP) ●●●●○
my SQL/ No SQL Firebase ●●●●●
Crypto currency ●●●●○
Time Management ●●●●○
Creativity ●●●●●
Entrepreneurship ●●●●●

CERTIFICATES

NVIDIA Deep Learning Certificate (12/2018 – 01/2019)
Machine has to identify whether the image showed to it is whale or not using Deep Learning

Bennett University Hackathon (03/2018 – 03/2018)
1st runner up in Bennett University Hackathon

BABSON Entrepreneurship Challenge
Ranked 2nd among 200 candidates

LANGUAGE

English ●●●●○
Hindi ●●●●●

INTERESTS

Reading Thinking Physics Football
Badminton