

Deepak Singh

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ABOUT

An enthusiastic and highly motivated fresher in Computer Science Engineering and wants to work in a firm with a professional work driven environment to utilize and apply my knowledge and skills which would enable me as a fresh graduate to grow while fulfilling organizational goals.

EDUCATION

Hindustan College of Science and Technology	6.5 CGPA
<i>B.Tech in Computer Science and Engineering</i>	<i>2019 – 2023</i>
Agra Public School	68%
<i>12th standard</i>	<i>2018</i>
Suraj Govind Senior Secondary School	72%
<i>10th standard</i>	<i>2016</i>

TRAINING

Two Waits Tathastu Scholar

Data Structures Algorithm

- Studied various data structures, including arrays, strings, linked lists, stacks, queues.
- Explored algorithms for searching, sorting and implemented sorting algorithms such as merge sort and quick sort.
- Participated in coding competitions on platforms like LeetCode and HackerRank to apply DSA knowledge.

PROJECTS

Image Captioning using Python | *Python, Keras*

- Implemented an end-to-end image captioning system using deep learning techniques in Python.
- The project involved combining computer vision and natural language processing to generate descriptive captions for images. Long short-term memory (LSTM) cells are used for predicting the captions.
- Resnet pretrained model is used which is already present in Keras for extraction of features from images.
- Integrated the trained model into an interactive user interface, allowing users to upload images and receive generated captions.

Library Management Software | *Python, Tkinter, Pillow, MongoDB, Git*

- A library management system is a software that is designed to manage all the functions of a library and consists of GUI interface with background image using Tkinter and Pillow.
- It helps to maintain a database of new books and the books that are borrowed by members, along with their due dates, and it stores the data in an online database MongoDB.
- It has specific user sign in option.

Pharmacy Management System | *C++, Git*

- A pharmacy management system is a software that is based on concept of taking medicine orders with payments.
- It helps the user in taking new order, deleting, modifying medicine orders, viewing the total summary of sales within a day.
- It is developed using C++ programming language, different variables and strings.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, MySQL, JavaScript, HTML/CSS

Developer Tools : Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Libraries: Pandas, NumPy, Matplotlib, Keras, Tkinter, Pillow

CERTIFICATES

NPTEL[IIT KANPUR] Developing Soft Skills and Personality.

TCS Career Edge-Knockdown the Lockdown.

SHAPEMYSKILLS Workshop on ML.

Workshop on Advances AI Computer Science - 2022.

Campus Ambassador Internship at InternBug - 2022.