# Suhaib Mukhtar

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## Introduction

In the realm of Data Science, I specialize in NLP (Natural Language Processing), and my work involves both machine learning and deep learning. On the Software Engineering side, I excel in developing robust and scalable solutions with a focus on efficient and reliable backend systems. I bring proficiency in SQL, Python, API development, and web scraping techniques to the table.

## Experience

**Indian Institute of Technology, Delhi** — New Delhi, India
Project Intern — November 2023 - Present

- Task: Led the implementation of cutting-edge computer vision algorithms, integrating neural networks for real-time object detection, tracking, and recognition within the DexPilot teleoperation platform.

## Education

**Bachelor of Technology (B.Tech) *Hons.*** — 2019–2023
*Computer Science & Engineering*
University of Kashmir, Srinagar, India

- CG-PA: 8.14/10

**Higher Secondary** — 2018–2019
GBHS, Hazratbal, Srinagar, India

- Percentage: 72.0/100.0

## Skills

- **Programming Languages:** **Python** (Certified by Google, Coursera), **PHP**, **C programming**,**Web development**(Certified by Internshala), SQL , RDBMS, API, Web Scraping
- **OS:** Ubuntu, Windows
- **Tools:** Visual Studio Code, Jupyter notebook, Pycharm, Dev c++, Google Colab, A30 GPU server, GitHub, Git

## Certifications

- **Supervised Machine Learning: Regression and Classification** — April 2023
  *Google, Coursera* [Link]
- **Crash Course on Python** — July 2023
  *Google, Coursera* [Link]
- **Amazon Echo Reviews Sentiment Analysis Using NLP** — July 2023
  *Google, Coursera* [Link]
- **Fine Tune BERT for Text Classification with Tensorflow** — Oct 2023
  *Google, Coursera* [Link]
- **Machine Learning A-Z™: AI, Python & R + ChatGPT Bonus [2023]** — Oct 2023
  *Google, Coursera* [Link]

## Projects

- **Amazon Echo Reviews Sentiment Analysis Using NLP:** Conducted sentiment analysis on Amazon Echo reviews using Natural Language Processing (NLP). Executed data preprocessing and text representation techniques. For more details, you can find the project on [LINK].
- **Sentiment Analysis of Drug Reviews using various DL architectures:** Applied various deep learning architectures (LSTM, GRU, LSTM+GRU, Bidirectional LSTM, BERT) for sentiment analysis on drug reviews. Accomplished text preprocessing, used FastText for text representation, and evaluated model performance. For more details, you can find the project on [LINK].
- **Fine-tuned BERT Transformer Model:** Specialized in fine-tuning the BERT transformer model for sentiment analysis, achieving state-of-the-art results. Gained expertise in working with transformer language models and deepened understanding of natural language processing. For more details, you can find the project on [LINK].
- **Text Scraping and Analysis:** Utilized Beautiful Soup for web scraping, extracting text data from diverse sources. Applied data analysis techniques, calculating various measures on the collected data. For more details, you can find the project on [LINK].
- **PG Life:** Executed a web development project named "PG Life" using HTML, CSS, JS, and DBMS technologies. Demonstrated proficiency in front-end and back-end development for a dynamic web application. For more details, you can find the project on [LINK].
- **Computer Vision Basics Project:** Executed a computer vision project using MediaPipe to detect hand poses. The project involves real time pose detection with camera by using OpenCV library.

  For more details, you can find the project on [LINK].