Aarush Goel
Contact: +91-9592163239
Email: aarushgoel619@gmail.com

OBJECTIVE

To pursue a challenging career and be a part of a progressive organization that gives a scope to enhance my knowledge and to utilize my skills towards the growth of the organization

WORK EXPERIENCE

SOFTWARE DEVELOPER
WIPRO LTD. (August 2017 – Till Date)

- Account Name: **Wipro Holmes**
    - **Named Entity Recognition**
        - Worked on building the source code for understanding the textual context of documents
        - Used **spacy** for Intent Classification and Entity Extraction from user input

    - **Multi-Class Classification** Used **Machine Learning/Deep Learning and Natural Language Processing** techniques to create a **Text Classification** model, to classify the input text into respective assignment groups
    - **Cognitive Search**
        - Worked on customizing the source code of **Cognitive Search Bot**, according to customer requirements
        - Used **Elasticsearch**, utilizing its big *data* capabilities, to create a fast search engine

- Account Name: H2/H3 Vision
    - **Stereo Matching**
        - Worked on implementing **Stereo Matching techniques** (Stereo Global Matching), to match the important features on the images from stereo cameras, provided by the customer.
        - Implemented Rectification of the stereo images, **Census Transform** and **Image processing techniques** which resulted in an improvement in the matching accuracy.

ACADEMIA

ACADEMIC DETAILS	YEAR OF PASSING	INSTITUTE	BOARD	PERCENTAGE/CGPA
BE	2017	Thapar University, Patiala	Thapar University	7.14/10
Class 12th	2013	Shardein School	CBSE	87.20/100
Class 10th	2011	Shardein School	CBSE	93.10/100

CERTIFICATES

- Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization by deeplearning ai on Coursera.
  Certificate earned at Wednesday, September 25, 2019
- Google Cloud Platform Big *Data* and Machine Learning Fundamentals by Google Cloud on Coursera.
  Certificate earned at Wednesday, June 26, 2019.
- Statistics for Business Analytics and *Data Science* A-Z™ on Udemy.
  Certificate earned at October, 2017

PERSONAL PROJECTS

Named Entity Recognition:
- Built a named entity recognizer using Bi-directional RNNs on News article dataset.

Sentiment Classification on IMDB dataset:
- Constructed a sentiment classifier for IMDB movies using Deep Neural Networks.
- Optimization techniques like Dropout were used to improve the accuracy of the model.

SKILLS

- Languages   : C++, Python, SQL
- Databases   : PostgreSQL
- Operating System : Windows, Linux
- Frameworks and Libraries : Flask, Scikit Learn, Keras, Pandas, Numpy, Plotly
- Skills   : *Data Science*, Natural Language Processing, Machine Learning, *Data* Structures, Natural Language Understanding, Image Processing, Artificial Intelligence, Deep Learning

HOBBIES

- Football
- Table Tennis
- Badminton