

Tanmay Pandey

tanmaypandey1998@gmail.com

EDUCATION

<https://tanmaypandey7.github.io/>

HARCOURT BUTLER TECHNICAL UNIVERSITY | B.TECH IN CHEMICAL TECHNOLOGY

Completed August 2020 | Kanpur, India | 7.3 CGPA

DR. VIRENDRA SWAROOP EDUCATION CENTRE | XII (SENIOR SECONDARY, SCIENCE)

CBSE Board | Completed May 2015 | Kanpur, India • Percentage 93.6%

Physics: 99, Computer Science: 95, Chemistry: 94, Maths: 85

DR. VIRENDRA SWAROOP EDUCATION CENTRE | X (SECONDARY)

CBSE Board | Completed May 2013 | Kanpur, India • CGPA: 9.2/10

EXPERIENCE

CRACKADMISISON DATA SCIENCE INTERN

February 2020 - June 2020 | Kanpur, Uttar Pradesh, India

- Building a system from scratch to automatically SOPs for GMAT and GRE.
- Single-handedly managing the entire pipeline from data collection to model deployment.
- Successfully served models using TF-Serving, Flask and AWS.

LEARNOGETHER TECH. PVT. LTD. DATA SCIENCE INTERN

June 2019 - August 2019 | Ghaziabad, Uttar Pradesh, India

- Built crawlers to automate scraping websites using Scrapy and extracted data using the YouTube API.
- Analysed the extracted data to get important insights using TF-IDF, Textrank and Wordcloud.
- Built Frequent Pattern Tree from extracted keywords using Apache Spark.
- Generated Word2Vec embeddings and visualized them on Tensorboard. Worked with extractive and abstractive summarisation.
- Worked with Question Generation from SQuAD using Open-NMT.

OPEN FOOD FACTS OPEN SOURCE CONTRIBUTOR

January 2019 - April 2019 | Kanpur, India

- Automated extraction of ingredients column from food packets using object detection with MASK-RCNN.
- Automated the detection of nutriscore(food score) of food labels using Faster RCNN.

ACHIEVEMENTS

GLOBAL WHEAT DETECTION

20th place on the Public and 113th(Top 6%) on the Private Leaderboard.

PROJECTS

WHEAT HEAD DETECTION WITH PYTORCH

August 2020

Detecting Wheat Heads using YOLOv5.

AUTOMATIC ESSAY GRADING USING TENSORFLOW

July 2020 - August 2020

Using LSTMs to automatically grade essays. Deployed using TF-Serving, Flask and AWS. This is a simple version of my intern project.

LANE DETECTION IN GTA SAN ANDREAS

March 2019 - May 2019

Leveraging OpenCV for detecting lanes in Grand Theft Auto San Andreas.