

HARMANN SINGH MANN

DOB: 02-01-1998

E-mail: harmansukh@gmail.com

Phone: 9643489711

[Linkedin Profile Link](#)

EDUCATION QUALIFICATION

BTech (2020)	Delhi Technological University (Environmental Engineering)	8.04 GPA
Class - XII (2016)	S.S.M.S , New Delhi (PCM w/ C++)	94.6 %
Class - X (2014)	S.S.M.S , New Delhi	9.2 GPA

PROFESSIONAL EXPERIENCE

Artificial Intelligence Engineer (Computer Vision) (Intern + FTE) | Vybo.io | Bangalore (August 2020 – Present)

- **Personalised Content Generator**
 - Build a working prototype of a web app using Django which gives content recommendation to the user .
 - Integrated with MongoDB database , Auth services and multiple backend APIs .
- **Image QC**
 - Build tensorflow based SSD object detection models for food detection and image quality checks on Aws GPUs as well as Private GPUs .
 - Lead the Data Collection and Annotation team to ensure collection of production level quality data .
- **Rules Removal | Document Cleaning Module**
 - Developed a deep learning-based computer vision model to cater the rules removal in handwritten documents as a feature in Document Cleaning Module.
 - Prepared synthetic data of handwritten documents to meet the desired goal.
 - Performed multiple iterations of training and testing – to achieve the accuracy of more than 95% on specific cases.
- **Annotation and Testing**
 - Formed a sustained iterative data pipeline consisting of data preparation and annotation with input from 100+ freelancers and annotators.
 - Involved in testing the trained models on target specific scenarios, identifying error cases and suggesting improvement strategy.

Summer Intern | Tata Consulting Engineers Limited | Research Analyst| Noida (June 2019 – July 2019)

- Analyzed & Designed the storm water drains across a city with networking using Watergems by Bentley.
- Simulated Population projection, Water Demand, Sewage generation and Data Visualization using MS-Excel and Jupiter.

TECHNICAL CREDENTIALS

Primary : Python , Scikit Learn , TensorFlow – Cpu/Gpu, Keras , OpenCV , Image Data handling

Secondary : Django ,Customer Analytics , Tableau for Visualization

NOTABLE LEADERSHIP POSITIONS

Festival Director | Yuvaan 2019 (YLFF) | Delhi Technological University (May 2018 – May 2019)

- Promoted as Chief Director, organized the independent literary festival of DTU with footfall of 30,000 from North India.
- Worked with a large assortment of people and businesses in order to ensure that the festival goes off without a hitch
- Oversaw a team of 200 event operations coordinators hosting over 25 celebrities: planned and supervised the site setup and breakdown.