

# Chirag Gupta

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## EDUCATION

B.Tech Mechanical Engineering	2018-22	Delhi Technological University	8.25 CGPA
AISSCE/CBSE (Class XII)	2018	Mayo International School, Patparganj	94%
AISSE/CBSE (Class X)	2016	DLF Public School, Ghaziabad	93.1%

## WORK EXPERIENCE

- Data science intern, Eko India Financial Services Jun 2021 – August 2021
- Google Web Rangers India Member - Hosted workshops regarding Web security 2015 - Present
- Member of International Organization of Software Developers, DTU 2018 - Present

## PROJECTS

- ❖ Machine Learning / Deep Learning
  - **Defect Detection in Steel** (2021)
    - Built an image segmentation model for detecting defects in sheet metal so that the defective part can be efficiently cut off.
  - **Abrasive Jet Machining Nozzle Wear and Tear Prediction** (2020)
    - Automating the process of nozzle wear prediction which is the most crucial piece of equipment in abrasive jet machining.
  - **Apparel Classifier** (2019)
    - Built a convolutional neural network (CNN) to classify apparels, trained on MNIST fashion dataset.
- ❖ Android Development
  - **Comic Database App** (ComicsPrime) (2020)
    - An android app to store the comics you have read, with user-friendly UI.
  - **College Attendance App** (2020)
    - Built an attendance app which uses face recognition to determine which student is present. Face recognition model was developed using Google Facenet, MTCNN (CNN based face detector) and SVM classifier.
- ❖ Graphic Designing
  - **WhatsApp Stickers App** (Ninja Pepe Stickers) (2020)
    - Created animated stickers using Adobe Photoshop and Adobe Illustrator.
    - 1000+ downloads on Google Play Store from India, Brazil, Nepal, Argentina etc.

## ACHIEVEMENTS

- Awarded scholarship by Mayo International School for excellence in AISSCE Examination 2018
- Several awards in Macmillan and Olympiads at state-level.

## SKILLS

- Beginner: Web Development, Web Security, Web Scraping, Docker, Cryptography
- Intermediate: Android Development, C++, C, C#, Git, Competitive Programming, Data Science
- Expert: Java, Python, Machine Learning, Deep Learning, SQL

## CO-CURRICULAR

- School cyber captain, 2015-2016
- Like trying new things and gaming

## DECLARATION

I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief.