

# Advait Gupta

LinkedIn GitHub

Email : 20cs3072@rgipt.ac.in

Mobile : +91 7459800956

## EDUCATION

---

- **Rajiv Gandhi Institute of Petroleum Technology** Jais, India  
*Bachelor of Technology in Computer Science and Engineering; CPI: 8.67* Dec. 2020 – May 2024
- **City Montessori School** Lucknow, India  
*Intermediate: 91.5% & Matriculation: 92.8%* Aug. 2016 – May 2020

## EXPERIENCE

---

- **testAIing** June 2022 - Aug. 2022  
*Machine Learning Intern*
  - Did data engineering for object detection model increasing its accuracy by 80%.
  - Built Image classifier models with tensorflow achieving an accuracy of 95%.
  - Researched and prepared report on Bias Detection Techniques for implementation in the software.
  - Prepared and Documented Manuals for Installation and Usage of auto-annotation tools like CVAT, etc.

## PROJECTS

---

- **Handwriting Assessment Application** Present
  - Developing an application that reads handwritten text from images and outputs the legibility of the text.
  - The identified characters are compared with the dataset and evaluated based on some pre-defined attributes.
  - Technologies Used: Python (CNN and GRU)
- **Emotion Recognition System (GitHub Link)** May 2022
  - Implemented Computer Vision techniques to identify human faces from live video feed.
  - The emotions of the human face pictures are classified using a CNN model and the resulting emotion is outputted.
  - Technology Used: OpenCV
- **RGIPT Banking System (GitHub Link)** July 2021
  - Banking System application having features of deposit, withdrawal, balance enquiry and last transaction details.
  - Technology Used: Qt
- **Battleship Game (GitHub Link)** April 2021
  - A two player 'BATTLESHIP' game developed in Graphical User Interface (Without any GUI Builder).
  - The game includes a home page, main game page and a results page at the end.
  - Technology Used: Swing/AWT (Java)

## TRAINING

---

- Got selected as a mentee for Amazon ML Summer School 2022. Attended eight modules of the program to gather knowledge about Machine Learning.

## PROGRAMMING SKILLS

---

**Areas of Interest:** Data Structures, Algorithms, Machine Learning, Deep Learning, Computer Vision, Natural Language Processing

**Languages:** C++, Java, Python

**Libraries/Widgets:** OpenCV, TensorFlow, Keras, Numpy, Pandas, Swing/AWT(Java), Qt

**Others:** GitHub, MySql

## ACHIEVEMENTS

---

- Qualified for the ICPC Amritapuri Regionals (2020).
- Google HashCode '22: 865917 points.
- Google KickStart '22 (Round B): 2272 Rank.
- Google CodeJam '22 (Qualification Round): 71/100 points.
- Meta Hackercup Qualification '22: 3150 Rank Worldwide among 27603 participants.

## POSITIONS OF RESPONSIBILITY

---

- **Founder & Chairperson** RGIPT ACM Student Chapter
- **Training and Placement Coordinator** CSE Department, RGIPT
- **Core Team Member- KODE Club** Science & Technical Council, RGIPT