# Arpita Kumari

## PERSONAL INFORMATION

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in arpita-kumari

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## EDUCATION

**2018 - PRESENT**

**Indian Institute of Engineering Science and Technology, Shibpur**

### B. TECH IN INFORMATION TECHNOLOGY

- COURSEWORK - Data Structures, Algorithms, DBMS, Object-Oriented Programming.
- CGPA - 7.85 / 10 ( up to 7th semester )

**2018**

**Hariyana Vidya Mandir, Saltlake**

### SENIOR SECONDARY EDUCATION

- COURSEWORK - Physics, Mathematics, Chemistry, English, Computer Science, Economics
- Aggregate % - 84.5%

**2018**

**Hariyana Vidya Mandir, Saltlake**

### SECONDARY EDUCATION

- CGPA - 9.8 / 10

## WORK EXPERIENCE

**10/2020 - 01/2021**

**Computer Vision Intern**

### COGNITIVO CONSULTING, AUSTRALIA

- Prepared the annotated Traffic Sign dataset.
- Trained the model to generate custom YOLOv4 weights which are then used to achieve an accuracy of 98%.
- Internship Completion Certificate

**08/2020 - 09/2020**

**Computer Vision Intern**

### TECHNOCOLABS, INDORE

- Realtime Detection of Face Mask using the model.h5 mask model and mobilenetV2 pretrained model for face detection.
- Deployment of the Face Mask Model using Flask and hosting the model using a local server on the web.
- Internship Completion Certificate

**03/2020 - 08/2020**

**Computer Vision Intern**

### SKYBITS TECHNOLOGIES, KOLKATA

- Worked on 2 projects - Vehicle Detection and Counting the number of people in the given frame.
- Internship Completion Certificate

## PROJECTS

**08/2021-PRESENT**     ### WEATHER-APP-USING-API
- A basic GET API which when invoked with a city parameter responds with live temperature, sunrise and sunset time.

**01/2021 - 02/2021**     ### AUTOMATED MAZE SOLVER
- Automating the process of solving the maze using OpenCV.

**07/2020 - 09/2020**     ### SOCIAL DISTANCE RECOGNITION
- Used to detect whether the person walking is following social distancing or not with Real-time analytics.

## SKILLS

- **LANGUAGES -** C++, PYTHON
- **TECHNOLOGIES -** DEEP LEARNING, COMPUTER VISION
- **FUNDAMENTALS -** DATA STRUCTURES, ALGORITHMS, DATABASE(SQL)

## POSITION OF RESPONSIBILITY

**2018 - PRESENT**
**Volunteer ( Teacher )**     ### ICCHE, IIEST SHIBPUR
- ICCHE - A voluntary organization formed by the students of IIEST, Shibpur to teach underprivileged students residing near our college campus.

**2019**
**Publicity Head**     ### INSTRUO, IIEST SHIBPUR
- INSTRUO - the Annual Technical Fest of IIEST, Shibpur.
- Publicizing the tech fest in different colleges and organizing workshops and seminars on latest technologies.

**2020**
**Joint Secretary**     ### SOCIT, IIEST SHIBPUR
- SOCIT - the official society of the Department of Information Technology.
- Organizing various seminars, coding hackathons, ted talks for the students of the department.

## HOBBIES AND INTERESTS

EDITING     TRAVELLING     PAINTING     PHOTOGRAPHY