

# Atharva A. Hiwarekar

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## EDUCATION

Pune Institute of Computer  
Technology

B.E IN COMPUTER ENGINEERING

Expected June 2021 | Pune, MH

GPA: 8.80/10

## LINKS

Github:// <https://github.com/Atharva500>

LinkedIn://

<https://www.linkedin.com/in/atharva-hiwarekar-b86239189>

## SKILLS

### PROGRAMMING

Proficient:

• C++ • Python • Java

Familiar:

• HTML • CSS • Javascript

### DATABASES

• MySQL • MongoDB

### FRAMEWORKS

• Tensorflow • Scikit Learn • OpenCV •

Express JS

### TECHNOLOGIES

• Data Science • Machine Learning

• Computer Vision • NLP • Android •

Web Development • Git

## ADDITIONAL

## ACTIVITIES

• Member of PICT IEEE Student Branch

• Volunteering Experience in PICT-INC

## LANGUAGES

• English

• Hindi

• Marathi

## EXPERIENCE

### BIZAMICA SOFTWARES | MACHINE LEARNING INTERN

Sept 2020 – Jan 2021 | Pune, MH

- Worked on Optical Character Recognition for Cognitive Document Processing System.
- Worked on Feature Engineering for improving prediction results.
- Learned about various Data Cleaning and Normalisation techniques.

Website:// <https://www.bizamica.com>

### PRESCIENT AUTOMATION | DEEP LEARNING AND COMPUTER VISION INTERN

Jun 2020 – Sep 2020 | Bangalore, KA

- Worked on Facial Recognition based Recommendation System.
- Worked on various Neural Network Architectures like CNN, U-Net FCN, ResNet, Mobile-Net.
- Read research papers about Computer Vision and Deep Learning.

Website:// <https://prescient-automation.com>

## PROJECTS

### TRAFFIC SURVEILLANCE AND MANAGEMENT SYSTEM

Final year Project

Implementing a system that will Capture and Detect vehicle traffic in real time from video data using Object Detection and Image Processing.

The System will detect Traffic Rule violations such as Overspeeding and Traffic Signal violation.

Tools/Technologies Used - Python, Image Processing, YOLOv3, OpenCV.

### FACE EMOTION RECOGNITION

March 2020

A Computer Vision project which uses Deep Learning and Image Processing to Recognise facial emotions of a person in real time using a Webcam.

Tools/Technologies Used - Python, Image Processing, Convolutional Neural Networks, Tensorflow, OpenCV.

Code : <https://github.com/Atharva500/Face-Emotion-Recognition>

### TEXT BASED SENTIMENT ANALYSIS

April 2020-May 2020

A Natural Language Processing project that uses Deep Learning and Neural Network architectures like LSTM and Word Embeddings to recognize Sentiment of a text. It uses Twitter posts as a labelled dataset.

Tools/Technologies Used - Python, Natural Language Processing, LSTM, Tensorflow.

Code : <https://github.com/Atharva500/Sentiment-Analysis>

### EVENTIA APP

Aug 2019- Oct 2019

Android Application that keeps track of events in a city. It helps a user discover all types of events or meetups happening in a city.

Technologies Used - Java, Android Studio, Firebase