



Atul M Bharadwaj

Student

Passionate Computer Science and Engineering student who is interested in learning and exploring trending technologies like Big data, AI, Machine Learning. Can easily and independently adapt to different platforms and changing technologies. Have good soft skills and communication as well as presentation skills. Fast and efficient learner in terms of programming as well as good requirements understanding. Can also understand prewritten code easily and quick debugger.

✉ atulmb99@gmail.com

📞 9482515726

📍 Bengaluru, India

🌐 github.com/AB047

EDUCATION

Bachelor of Engineering (B.E.)

SJB Institute of Technology, Kengeri

06/2017 – Present

Courses

- Computer Science and Engineering

PROJECTS EXPERIENCE

Rapid Rescue Bot

- Part of the E-Yantra 2019 robotics competition hosted by IIT-Bombay, which included the making of an autonomous bot for rapidly solving and traversing mazes as well as obstacle avoidance and image recognition.

Audio Transcription using DeepSpeech

- Generated web pages with click to jump transcriptions using the DeepSpeech model.

Polyphonic Instrument Recognition

- Implemented and improved upon a research paper that uses a Deep Learning Tensorflow model in order to identify instruments present in mixed sounds.

Xpend

- Python project that implements libraries from OpenCV to process and recognise text from images to calculate expenses for a user.

TrafficDB

- Web project that records the details of all users that violate laws along with their fines under a given RTO that is maintained in an SQL database connected using PHP.

INTERNSHIPS

Developer

e-Yantra

05/2020 – 07/2020

Organisation under MHRD by IIT-Bombay

Achievements/Tasks

- Researched about audio transcription, audio classification in python.

TECHNICAL SKILLS

Audio Processing

Image Processing

Python

Deep learning

Machine Learning

Java

C++

C

SQL

Keras

HTML & CSS

ACHIEVEMENTS

Winner, e-Yantra Robotics Competition 2019

Won first place in the national robotics competition held by e-Yantra, IIT Bombay.

Maintained an average of 8.7 GPA in 6 semesters and consistently ranked in the Top 10 in my branch.

Core-committee member

Successfully organised Technical fest for our department in April 2019

CERTIFICATES

Neural Networks and Deep Learning

Passed the certification course under the Deep Learning Specialisation course by Andrew NG from coursera with an percentage of 99.3%

Introduction to Machine Learning - IIT KGP

Completed the NPTEL course with an Elite Silver badge and 75%

LANGUAGES

English

Native or Bilingual Proficiency

Hindi

Professional Working Proficiency

Kannada

Professional Working Proficiency

OTHER SKILLS

Good Presenter

Strong Soft skills

Fast learner

Smart Working

Teampayer

Passionate

Focused