

# PIYUSH BANGAR

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## LINKS

- LinkedIn- [www.linkedin.com/in/piyushbangar39](https://www.linkedin.com/in/piyushbangar39)
- Github- <https://github.com/piyushbangar>

## PROFESSIONAL SKILLS

- **Proficient:** C, C++
- **Exposure:** Python, MySQL, Machine Learning, PHP

## EXTRA-CURRICULAR

- **Sergeant-at-Arms**, Rotaract Club of TIET, 2017-18
- District football team member
- Event Coordinator at school annual fest
- Hobbies- Listen to music, Playing puzzle games and Playing football

## PROJECTS

### STOCK MARKET PREDICTION:

A Machine Learning project to predict the 30th-day stock return using LSTM with Deep NeuralNet. Got accuracy of 76% on some bank stocks from Yahoo finance.

### WATER BED MAPPING

Designing and building Remotely Operated Vehicle (ROV) for waterbed mapping of small water bodies using LiDAR.

### MUSIC INSTRUMENT DETECTION (IN PROGRESS):

A Machine Learning Project to detect the instruments being played in an audio file.

### MUSIC DOWNLOADER AND RECOMMENDER:

A simplified application for downloading songs and getting recommended songs made with python using the youtube-dl library and Tkinter for GUI.

### COLLEGE SELECTION GUIDE:

A website for an optimized and conclusive search for the best college for engineering aspirants using PHP and MySQL.

## ACHIEVEMENTS

- Secured 2nd position in Thapar University in CodersBit 2018 organized by InterviewBit.
- Code Warrior of Finale, Code Gladiators 2018 for which 300 contestants were selected out of 2.2+ lac participants.
- Merit Scholarship III, TIET

## EDUCATION

**B.E. , COMPUTER SCIENCE** **CGPA- 8.18**

Thapar Institute of Engineering and Technology | 2015 - 2019

**CBSE- 12TH** **90%**

A's Steward Morris School | 2014

**CBSE- 10TH** **CGPA- 9.8**

A's Steward Morris School | 2012

## COURSES

- Triumph Data Structures and Algorithms by Coding Ninjas, July 2018