

# Shivank Pathak

Eniac Hall of Residence – IIIT Bhubaneswar – 751003, Bhubaneswar, Odisha (INDIA)

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## Education

### Bachelor of Technology, Information Technology

IIIT BHUBANESWAR

2016–present

CGPA: 8.31/10 (Upto 3rd sem.)

### Intermediate/+2 from CBSE

SSMV Shahjahanpur

2013–2015

Percentage: 89.2%

### Matriculation from CBSE

SSMV Shahjahanpur

2011–2013

CGPA: 9.4/10

## Hackathons and Events

### Devfest hackathon 2017

Sep 2017

Google Developers Group Bhubaneswar

**Finalist** in the team based hackathon. Made a review analysis of products on e-commerce websites using Machine Learning.

### Kronothon 2017

Mar 2017

Kronos India Pvt. Ltd. and Techgig.com

**4th runner up** in the **pan India** Competitive coding contest with over 7000 participants.

## Projects

### IPL Team selector for franchises during auction (ongoing)

*Selects the best combination of players in terms of both performance and popularity*

Selects the team having best combination of batsman, bowlers and allrounders. The dataset is made from the stats extracted from [www.iplt20.com](http://www.iplt20.com)

Tech Stack: Python Scikit-learn, tweepy, matplotlib, nltk, Selenium, bs4

### Twitter Sentiment Analysis

*Live sentiment analysis of twitter*

Draw the sentiment graphs of any topic of twitter. [\[Github\]](#)

Tech Stack: Python Scikit-learn, nltk, matplotlib, tweepy

### Handwritten Digit Recognition

*Recognise the handwritten digits using Deep Learning on MNIST dataset*

Achieved the accuracy of 98.5% by applying different types of neural networks including convolutional neural network and recurrent neural network. [\[Github\]](#)

Tech Stack: Python Keras (Backend-Tensorflow), numpy

### Employee Tracking System

*Tracks the employee in real time.*

It is the hybrid android application made using Apache Cordova. [\[Github\]](#)

Tech Stack: Javascript, php, Apache Cordova

### Hibiscut

*Automatic notice sender*

It automatically sends the official notices to the students via sms from the online notice board 'Hibiscus' of IIIT Bhubaneswar. [\[Github\]](#)

Tech Stack: Python Selenium, Requests, PhantomJS, urllib2

## Fields of Interest

- Machine Learning
- Natural Language Processing
- Algorithms
- Deep Learning
- Data Structures
- Software Development

## Achivements and Honors

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**Sep2017: Winner** of coding contest '**CodeNavratri**' organised by IIIT Bhubaneswar on hackerrank.

**Jan2017: 2nd runner** in a team based competitive coding contest '**Swig'N'Code**' organised in tech fest 'Advaita' of IIIT Bhubaneswar.

**Dec2016: Winner** in Winter Development Challenge organised by Training and placement cell of IIIT Bhubaneswar.

**Nov2016: RunnerUp** in the competitive coding contest organised by ACM chapter of IIIT Bhubaneswar in 2016.

**Jan2015: Winner** in the mega coding contest **TECHNOTHON** organised by FIET,Bareilly.

## Position of Responsibility

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**Web Administrator**

**Sep 2017–present**

*Manage Code, database and server of online mess portal 'Rosei' of IIIT Bhubaneswar*

**Instructor**

**Jan2018**

*Successfully organized a two-day bootcamp on a basic primer to python and Machine Learning*

**Coordinator**

**Feb2018**

*Helped in organising the various coding events of IIIT Bhubaneswar tech fest ADVAITA*

## Technical Skills

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**Languages:** PYTHON,C,C++

**Frameworks:** KERAS,TENSORFLOW,SCIKIT-LEARN,NLTK,OPENCV

**Tools:** GIT,ΛTΕX,PYCHARM

**Platforms:** LINUX,WINDOWS

**Database:** MYSQL,DB2

## Other Interests

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|-----------|---------------|
| - Quora   | - Football    |
| - Cricket | - TableTennis |
| - Chess   | - Music       |