

# Shantanu Acharya

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## EDUCATION

### NIT MIZORAM

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

Expected June 2019 | Aizawl, India  
 CGPA: 9.52/10.0 | Department Topper

### SPRING DALE COLLEGE, INDIRA NAGAR

High School  
 Grad. May 2014 | Lucknow, India  
 91.80% | 99% in Computer Science

### SPRING DALE COLLEGE, INDIRA NAGAR

Secondary School  
 Grad. May 2012 | Lucknow, India  
 91.40% | 99% in Computer Science

## LINKS

Github:// [shan18](#)  
 LinkedIn:// [Shantanu Acharya](#)  
 Codechef:// [shanwizard](#)

## COURSEWORK

### UNDERGRADUATE

Algorithms & Data Structures, Discrete Mathematics, Computer Organization

### ONLINE/MOOC

Introduction to Machine Learning by Prof. Andrew Ng (Stanford University)

## SKILLS

### PROGRAMMING LANGUAGES

Over 5000 lines:

Python • Java

Over 1000 lines:

C • C++

Familiar:

LaTeX • MySQL • CSS • JSON • Bootstrap • Matlab • Markdown

### TOOLS/Frameworks

Android Studio • git • vim • Django • Firebase • Numpy • Pandas • Apache

## EXPERIENCE

### IIT BOMBAY | SUMMER ENGINEERING INTERN | [GITHUB](#)

June 2017 – July 2017 | Mumbai, India

- Worked on improving the efficiency and reliability of remote triggered virtual lab systems.
- Developed a mathematical model simulation for the Single Board Heating System.
- Added an online quiz taking interface called yaksh.
- Implemented a centralized database in order to prevent data inconsistency.
- **Tools:** Python, Django, Scilab, Apache

## PROJECTS

### MORPHOSIS | ANDROID APPLICATION | [GITHUB](#) | [GOOGLE PLAY STORE](#)

Mar 2017 – Apr 2017 | Aizawl, Mizoram

- Android App for the annual technical fest of NIT Mizoram
- Contains all the information of various events to be conducted during the technical fest.
- Live notification updates.
- Contains a game called Scooby Dooby Doo, where participants have to answer various logical questions. The app gives live leader-board updates.
- **Tools:** Java, Android Studio, Firebase

## CONFERENCE/WORKSHOP

2015   SciPy India   Python for Scientific Computing organised by FOSSEE, IIT Bombay

## ACHIEVEMENTS & AWARDS

### SCHOLASTIC

2017	Got Selected	Eklavya Summer Internship 2017, IIT Bombay
2016	10/10 grade	Natural Language Processing & Sentiment Analysis, NIT Mizoram
2016	10/10 grade	Introduction to Robot Operating System, NIT Mizoram
2013	Merit Award	The Times of India, for academic performance
2011	Merit Award	The Times of India, for academic performance

### EXTRA-CURRICULAR

2017	Co-ordinator	Morphosis'17, NIT Mizoram
2013	Head Boy	President of Student Council at Spring Dale College
2013	1 <sup>st</sup>	Zonal Basketball Championship Tournament at Lucknow, U.P.
2013	2 <sup>nd</sup>	B.S. Sood Memorial Basketball Championship Tournament
2012	2 <sup>nd</sup>	Zonal Basketball Championship Tournament at Lucknow, U.P.
2011	2 <sup>nd</sup>	Zonal Basketball Championship Tournament at Lucknow, U.P.