

# Piyush Goyal

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## EDUCATION

### INDIAN INSTITUTE OF TECHNOLOGY MANDI

BACHELOR OF TECHNOLOGY  
COMPUTER SCIENCE AND  
ENGINEERING

August 2018 - Present

CGPA: 9.36 / 10

## LINKS

Github:// [PIYUSHgoyal16](#)

LinkedIn:// [piyush](#)

blog: // DevBae

## COURSEWORK

### UNDERGRADUATE

Calculus Linear Algebra

Data Structures and Algorithms

Computer Organisation

Information and Database Systems

Mathematics for Computer Science

Probability Statistics

Machine Learning

Data Science

## SKILLS

### COMPUTER LANGUAGES

C • Java • C++ • Python

• Flutter • Assembly Language

### TOOLS

Git • Bash • Vim

### WEB TECHNOLOGIES

Flask • JavaScript • PHP

• HTML • CSS

### FAMILIAR TECHNOLOGIES

MySQL • Apache Spark • Firebase

### DOCUMENTATION

Sphinx • Markdown • Jekyll •

ReadTheDocs

## INTERESTS

Algorithms • Competitive

Programming • Open Source

• Operating Systems • Android

Development • Web

Development • Machine Learning

• Artificial Intelligence • Robotics

• Sports • Music

## PROJECTS

### OPENPRINTING | OPEN SOURCE CONTRIBUTOR | C , Markdown

2020 – Present

- OpenPrinting works on the development of new printing architectures, technologies, printing infrastructure, and interface standards for Linux and UNIX-style operating systems.
- I am currently working on CUPS Filters and Documenting the till date progress.

### CHOOSE ADMISSION | SOFTWARE ENGINEERING INTERN | JAVA

April 2020 – May 2020

- Choose Admission is a startup helping students to take admission in their dream colleges.
- Developed two Android Apps from scratch, admin and user, using Firebase Backend.
- Enabled Features including College Predictor, College Search, Filling Application, Automated Mails and SMS, Chatbot for reply of basic queries, etc.

### BIRD RECOGNISER | RESEARCH PROJECT | Java , PHP , Python

Dec 2019 – March 2020 | Dr. Padmanabhan Rajan

- Developed an Android App that identifies 26 species of Himalayan birds effectively based on their image as well as audio.
- Buildd REST API using Flask and used python libraries including scikit, Tensorflow, Keras, librosa, opencv etc.

### MEDEX | HACKATHON PROJECT | MySQL, PHP, PYTHON, HTML, CSS

May 2019

- Web Application for efficient control over sales of medicines and prevention of financial loss due to medicine expiry.
- Used Machine Learning to predict price and help the Trader to maintain a tradeoff between several factors including expiry, quantity, usage, and price.

## POSITIONS OF RESPONSIBILITY

### COORDINATOR AT ROBOTRONICS

- **Goals** Widening the horizon of the club to incorporate Computer Science into fields such as IoT, Robotics, Electronics, etc
- **Responsibility** Heading the Core Team to set up the new club and the related culture by organizing contests and sessions on Robotronics.

### NATIONAL SERVICE SCHEME

- **Goal** Enhance the quality of education provided to the local Himachal youth by the local area government schools.
- **Responsibility** Co-ordinated the PRAYAS foundation for teaching students from rural areas in Himachal Pradesh.

## ACHIEVEMENTS AND ACTIVITIES

- **Institue Rank** 2nd for semesters I(SGPA: 9.18/10) , II (SGPA: 9.23/10) and 1st for Semester III (SGPA: 9.67/10).
- **Ranked** 5 star coder on Codechef and expert on Codeforces.
- **Secured** 95.2% marks in CBSE 12th 2018 CGPA 10/10 in CBSE 10th 2016.