

# Astha Dwivedi

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<https://github.com/asthad16>

Pre-final year B. Tech student in Computer Science skilled in programming, data analytics and problem solving looking forward to leverage acquired skills by gaining a position as an intern and also broaden my abilities and experience for future benefits.

## EXPERIENCE

### Managineers educational services India(p.) ltd.,Lucknow,UP-*intern*

**May 2019 - June 2019**

- Supported the need of python interns with skill and efficiency.
- Honed the basic networking, threading and socket programming skills in python with minimal supervision.
- Explored various python modules such as Tkinter and built some GUI projects.

## EDUCATION

### Jaypee institute of information technology, Noida- *B. Tech from Computer Science 2017-2021*

8.2 CGPA

### Central board of secondary education— *senior secondary examination*

**2016**

91.2 %

### Central board of secondary education —*secondary examination* 2014

10 CGPA

## PROJECTS

### Depression detection *Feb 2020*

- Currently working on this research project for detecting depression through analysis of data from multiple sources including text, speech and using various Machine Learning algorithms.
- Involves sentimental analysis of twitter data and natural language processing.
- Planning to write a research paper for the same under the guidance of one the assistant professors of my college.

### Cervical cancer screening *Aug - Nov 2019*

- A research based project that analysed the most consequential risk factors that can lead to cervical cancer.
- ML based classification techniques were applied to detect whether a person has cervical cancer or not.
- For model refinement data imbalance was taken care using sampling methods.
- Feature correlation, selection and extraction was implemented for better predictions of risk factors.

### Train reservation system *Oct 2017*

- A simple c++ project for the ticket booking system of railways.
- Involved the extensive use of data structures in C++.

## SKILLS

- Programming languages: C, C++, Python
- Data structures and algorithms
- Research, data analysis and visualisation (machine learning)
- Flask
- MySQL
- OOPS
- Web technologies:HTML, javascript,PHP (familiar)

## ACCOMPLISHMENTS

- Intel edge AI scholar.
- 8th rank holder in WICP codechef.
- Techgig geek goddess semi-finalist among 380 contestants.

## CERTIFICATIONS

- **Mar - 2020** - Certificate of participation by Udacity for completing Intel Edge AI scholar program
- **Jul -2019-** Certificate of Completion by Udemy on python core and advanced.

## VOLUNTEER WORK

### DEBSOC (debating society of college) - team member

- Guided and mentored juniors of the society.
- Participated in my competitions and led teams.
- Developed strong and enhanced critical thinking and teamwork skills.

