

Astha Dwivedi

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<https://github.com/asthad16>

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

Inventiff Analytics- *Data Analyst Intern May 2020 - July 2020*

- Analyzed the overhauling of education system and learning habits and its ultimate reflection on our lives.

TheShadiTimes- *Data Analyst Intern May 2020 - June 2020*

- Analyzed the air pollution impact on people and its relation with corona virus spread by extrapolating the shift during lockdown.

Managineers educational services- *Intern May 2019 - June 2019*

- Supported the need of python interns with skill and efficiency.
- Honed the basic networking, threading skills in python with minimal supervision and explored various python modules.

EDUCATION

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

8.3 CGPA

8.9 GPA

CBSE— *senior secondary examination 2016*

91.2 %

CBSE —*secondary examination 2014*

10 CGPA

PROJECTS

Depression detection *Feb - May 2020*

- A research project for detecting depression through analysis of data from multiple sources including text, speech.
- Designed a hybrid multi-modal depression recognition and classification framework.
- Prediction of patient health questionnaire depression scale (PHQ-8) score from audio features and the classification of depression/non-depression from text information.

Cervical cancer screening *Aug - Nov 2019*

- A research-based project that analyzed 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++, Python
- Data structures and algorithms
- Data analysis & visualization (machine learning)
- MySQL
- OOPS
- Web technologies(familiar): JavaScript, HTML

ACCOMPLISHMENTS

- Intel edge AI scholar.
- Contributor in open source project by Mozilla.
- 8th rank holder in WICP codechef.
- Techgig geek goddess semi-finalist among 380 contestants.
- Bagged 2nd position in debate competition(school)

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.