

HARSH SONI

Determined individual with the ability to learn and acquire extensive knowledge and experience while effectively performing my duties to create new ideas to foster the goals of the organization.

Phone

(+91) 7089113924

E-Mail

hsoni7793@gmail.com

Github

github.com/harsoni

EDUCATION

B.Tech, Computer Science and Engineering

National Institute of Technology, Raipur

CGPA : 9.51

(AUG, 2016 - Present)

Higher Secondary Certificate, CGBSE

Lions Convent School, Bhatapara

Percentage : 85.60

(APR, 2015 - APR, 2016)

EXPERIENCE

IIT Bombay, Project Intern

- Worked on IITBombayX platform based on Open edX. Upgraded the platform from Ginkgo to Ironwood via Hawthorn (versions of Open edX). After upgradation feature testing was done through Selenium.

(MAY, 2019 - JULY, 2019)

Smart India Hackathon, Problem Code - #GPY6

- Participated in SIH 2018, under Government of Pondicherry.

(MAR, 2018)

Association of Computer Engineers, Executive

- Planned events to increase social interaction among branch members, as well as events to foster the spirit of computer science among branchmates.
- Organized workshops on topics such as Data Science, Hadoop and Deep Learning with the organization team.

(AUG, 2017 - MAY, 2018)

Sahyog (Mentorship Club of NIT Raipur), Core Mentor

- Organized Blood Donation Camp : Record collection in the state of Chhattisgarh with 323 units of blood.
- Organized Mock placement session to prepare students for real-life placement scenario.

(AUG, 2017 - MAY, 2018)

SKILLS

Languages: C++, C, Python

Databases: MySQL, MongoDB

Frameworks: Django, D3.js

Libraries: Numpy, Pandas, Matplotlib, OpenCV, Tensorflow

PROJECTS

Database Migration

Migrated the Mongo and MySQL databases from Ginkgo release of Open edX to Ironwood release of Open edX. Used Shell Scripting, Django Migration and Selenium for complete migration process.

Face Recognition System

A facial recognition system which used one shot learning using the FaceNet (Inception) model to extract features and used SVM for classification of these extracted features.

Farmer Support System

A farmer dashboard which maintains the soil profile for maintaining the land soil quality. Used JavaScript, D3.js, HTML, CSS, Django framework and related APIs.

AWARDS

1st in VIGYAAN, National level science exhibition.

Developed facial recognition system for surveillance purpose.

3rd in National level poster making, Represented Chhattisgarh.