

Chirag Vashist

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EDUCATION

IIT Mandi

B.Tech in Computer Science
Expected Grad: June 2020
Cum. GPA: 8.6

Delhi Public School Doha

Senior Secondary:
Grad. : April 2016
Percentage : 95%
Secondary:
Grad. : April 2014
Cum. GPA: 10.0

POSITIONS

Coordinator

Fine Arts Club, IIT-Mandi
August 2017 - June 2018

SKILLS

Languages:

C++, Python, JavaScript, PHP

Web:

Bootstrap, Flask, Django

Databases:

MySQL

Tools:

Git, Heroku

COURSEWORK

Completed:

Data Structure and Algorithms,
Database Practicum,
Computer Organization,
Foundation of Comp. Science

Pursuing:

Pattern Recognition,
Artificial Intelligence,
Large Application Practicum

WORK EXPERIENCE

Google Summer of Code – AOSSIE

April 2018 – August 2018

Software Developer Intern

- Mind The Word is a Chrome Extension for learning new languages. Changed core functioning and UI.
- Introduced View-Port limitations, reducing render time.
- Implemented local caching in accordance to Zipf's Law.
- Extended Text-To-Speech support to 51 languages.

PROJECTS

Click-Bait Detector

A Chrome Extension that determines if web-page is a Click-Bait using Naive-Bayes Model. Back-end on Flask, API hosted on Heroku. Model accuracy : 91%.

APRL Social Network for Universities

Social Networking site for university students and professor. Developed TD-IDF algorithm to generate keywords to optimize Full-Text Search on database. Implemented RAID-1 using SQL dump, CRON job and Google Drive.

Euler Speech-To-Text Smart Learning Assistant

1st Prize, TopCoder Hackathon 2017

Web-App allowing users to take notes during lectures. Provides lecture summary using NLTK, real-time editing and side notes.

Inception Productivity Chrome Extension

3rd Prize, Media.net Hackathon 2017

Suggests alternative sites when user spends too much time on Twitter. Profiles user on his/her history and makes decision using parameter's like popularity, user's preferences, type of the site.

NOAS Networking, Optimizing, Algorithms and Sensors

Website aimed for displaying real-time information from the wireless sensors scattered around IIT Mandi. Developed charts for Temperature, Humidity and Pressure using Google Charts API.

AWARDS

2nd Prize | Design Practicum 2018

Scholar Badge Holder | 2012-2016

All-Rounder Award | 2014,2015

08.11.2018