

Chirag Vashist

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EDUCATION

IIT Mandi

B.Tech in Computer Science
Expected Grad: June 2020
Cum. GPA: 8.63

Delhi Public School Doha

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

POSITIONS

Organization Administrator

AOSSIE

January 2019 - Current

Coordinator

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

SKILLS

Languages:

C, C++, C#, Python, JavaScript, PHP

Web:

Bootstrap, Flask, Django, NET Core

Databases:

MySQL

Tools:

Git, Heroku, Bash, PowerShell

COURSEWORK

Completed:

Software Design Pattern,
Pattern Recognition,
Artificial Intelligence,
Heterogeneous Computing,
Deep Learning

08.17.2019

WORK EXPERIENCE

Microsoft IDC

Software Developer Intern

June 2019 – August 2019

- Developed a high scale autonomous system which performs secure transaction simulation to ensure control effectiveness.

Australian Open Source Software Innovation and Education

Google Summer of Code Student

April 2018 – August 2018

- MTW is a Chrome Extension for learning new languages.
- Introduced View-Port limitations, local caching in accordance to Zipf's Law, Text-To-Speech (51 languages).

Google Code-In Mentor

October 2018 – December 2018

Google Summer of Code Mentor

April 2019 – August 2019

PROJECTS

ZippyNet Compression through Neural Networks

70% compression ratio on Celebrity Faces Data-set using auto-encoder. Beat JPEG compression algorithm.

Argus Affordable eye-checkup for remote areas

1st Prize, TopCoder Hackathon 2019

Allows user to take Snellen Test (Vision Acuity) and Ishihara Color Test (Colour Vision). Distance measurement using Computer Vision.

Click-Bait Detector

Chrome Extension that determines if web-page is a Click-Bait using Naive-Bayes Model. Model accuracy : 91%.

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 history and makes decision on popularity, user's preferences, type of the site.

AWARDS

2nd Prize | Design Practicum 2018

Scholar Badge Holder | 2012-2016

All-Rounder Award | 2014,2015