

Harshit Manchanda

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EDUCATION

VIT UNIVERSITY

BTECH IN COMPUTER SCIENCE

AND ENGINEERING

Expected May 2018 | Vellore, India

Cum. GPA: 8.98/10

GOVT. MODEL SR. SEC. SCHOOL

12TH, CBSE

Grad. May 2014 | Chandigarh, India

Percentage: 91.2%

ST. STEPHENS SCHOOL

HIGH SCHOOL, ICSE

Grad. May 2012 | Chandigarh, India

Percentage: 91.7%

COURSEWORK

Agent Based Intelligent Systems

Computer Networks

Data Mining and Warehousing

Data Structures and Algorithms

Database Systems

Image and Vision Computing

Management Information System

Object Oriented Paradigm and

Programming

Operating Systems

Soft Computing

SKILLS

PROGRAMMING

Over 5000 lines:

C • C++ • Python • PHP • MySQL

Over 1000 lines:

Javascript • Html • CSS • Tensorflow

• Pandas • Numpy

Familiar:

Cisco Packet Tracer • iOS

LINKS

Github:// [wittyatom](#)

LinkedIn:// [harshitmanchanda](#)

STRENGTHS

- Excellent communication skills
- Team player – ability to work in a team as well as lead one
- Innovative and creative
- Smart worker
- Punctual and adaptable

EXPERIENCE

SHOPXIE | SOFTWARE ENGINEERING INTERN

June 2017 – July 2017 | Mumbai, India

- Worked on the cloud application of the company, primarily in PHP to design and develop the full stack implementation of a module of the app.
- Created Crud functionalities on the database using Yii2 PHP framework.
- All code was reviewed, optimized and later deployed in the application.

PROJECTS

CURVED SURFACE LENGTH CALCULATOR | C, OPENCV | SEPTEMBER 2016

Successfully created a program which solved the problem of calculating the curved surface length of an object possible with the image of the object.

AUTONOMOUS DRIVING SIMULATION CAR PARK GAME | UNITY, PYTHON | MARCH 2017

Developed a game to park a vehicle on the specified layout autonomously which uses game data to learn the path.

MOVIE RECOMMENDER SYSTEM | MATLAB | DECEMBER 2016

Implemented a program that suggests movies to a user based on their preferences using a collaborative filtering algorithm trained on a dataset from MovieLens database.

HOSPITAL DATABASE SYSTEM | HTML, YII2 PHP | JANUARY 2017

Built a hospital Database Management System with CRUD functionalities.

TRAININGS UNDERTAKEN

HEWLETT PACKARD ENTERPRISE SOLUTIONS | COMPUTER NETWORKING AND SECURITY | MAY 2016 – JUNE 2016 | CHANDIGARH, INDIA

Went through exercises on Computer Networking and network configuration. Also learnt cryptography and security protocols on the web.

TECHTECHNOLOGY PVT. LTD. | PHP AND WEB DEVELOPMENT | DECEMBER 2016 | MOHALI, INDIA

Learnt in depth website development and PHP framework

EXTRA-CURRICULAR

MAKE A DIFFERENCE | ACADEMIC SUPPORT VOLUNTEER | JUNE 2016 – JULY 2017 | VELLORE, INDIA

In the club I teach Chemistry to under privileged children in the city of Vellore and also help in organising various events for the club.

CODE THE FUTURE | WINNER | APRIL 2017 | VIT VELLORE, INDIA

Won the coding competition organised by the university.

GRAVITAS 2014 | ORGANISING VOLUNTEER | AUGUST 2014 | VIT VELLORE, INDIA

Organised and overlooked the successful implementation of the Laser Tag event for Computer Society Of India.

CRICKET | STATE PLAYER | HARYANA, INDIA

Played cricket at the state level for the state of Haryana.