DARSHAN B SHAH
COMPUTER ENGINEER IN THE MAKING

EXPERIENCE (INTERNSHIPS)

AMRITA VISHWA VIDYAPEETHAM
Bengaluru, KA
May - June 2016

ROBOTICS RESEARCH INTERN
Worked on the HEXAPOD's stability and control. Wrote algorithms for walking and balancing. Used a tool called V - REP to simulate the algorithms.

HCL CDC
Coimbatore, TN
June, 2015

TRAINING IN THE .NET WEB FRAMEWORK
Learnt how to work on the .net web framework. Used Microsoft's Visual Studio to create websites. Made an Online Shopping Website as a project.

WORKSHOPS & OTHER ACHIEVEMENTS

NIIT
Coimbatore, TN
July 2014

JAVA
Attended the Java course for a duration of 120 hours. Learnt core java and J2EE. Certified by Oracle on passing the final exam.

NIT - T
Tiruchirappalli, TN
February, 2015

AMAZON WEB SERVICES WORKSHOP
Learnt about cloud computing and its advantages over the normal computing. Grasped brief knowledge about Amazon's Web Services and their data centres around the world.

EDUCATION

UNDER GRADUATE
Coimbatore, TN
2014 – Present

AMRITA VISHWA VIDYAPEETHAM (B. TECH)
Currently, a student at Amrita Vishwa Vidyapeetham, majoring in Computer Science and Engineering.

CGPA (TILL 4TH SEMESTER)
8.56/10

SCHOOLING
Coimbatore, TN
2000 - 2014

SBOA MATRICULATION & HIGHER SECONDARY SCHOOL

12TH GRADE
Scored 90% in the 12th grade.

10TH GRADE
Scored 94% in the 10th grade.

SKILLS

PROGRAMMING SKILLS
Proficient in C++, Python and Java

Fluent in HTML, CSS, Javascript and Bootstrap for front-end web development. Good with Python's Django Web Framework for back-end web development.

COMMUNICATIVE SKILLS
6 languages: English, Hindi, Tamil, Kutchi, Gujarati and French.

EXTRA CURRICULAR SKILLS
A quizzer, artist and a keyboard player.

PROJECTS

C NICE

NICE stands for Natural Interpreted Computer English. It is an interpreter written in C language that understands normal English. It is inspired from Python. Code is available on GitHub.

github.com/darshanxyz/NICE

ARDUINO MOTION DETECTION USING ARDUINO

This project was made to sense motion in front of a motion sensor. It uses a PIR sensor for motion detection and Arduino Uno as the micro controller. This could be further enhanced by using Relay and connecting a tube light or a fan to it, forming the basis of a smart home. Code is available on GitHub.

github.com/darshanxyz/Motion-Detection-using-Arduino

PYTHON MOVIE RELEASE NOTIFIER SCRIPT

This is a script written in Python that uses web scraping technique to find if a particular movie is released or not. It minimises the user's work to go to the multiplex's website and search for the movie. It automatically sends the user an email if the movie is released.

github.com/darshanxyz/Movie-Release-Notifier

GAME OF HANGMAN

An attempt to virtualise the old game of hangman using Python.

github.com/darshanxyz/Hangman

ENVIRONMENT EDIBLE TOWER

This is a non - technical project done in 2015. The main objective of this project was to reduce the space for farming and obtain fresh and organic produce.

amritasustainableprojects.wikispaces.com/-/CBE_3CSE_D_2015o/Edible%20Tower

C++ MOCK TICKET BOOKING SYSTEM

A basic system to provide services like flight, train and bus ticket booking.

CONTACT

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