Darshan B Shah

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EDUCATION

AMRITA VISHWA VIDYAPEETHAM
B. Tech in CSE
May 2018 | Coimbatore, TN
Amrita School of Engineering
Cum. GPA: 8.47 / 10
Major GPA: 9.03 / 10

SBOA MHSS
2014 | Coimbatore, TN
Class 12: 90%
Class 10: 94%

AREAS OF INTEREST

TECHNICAL
Full Stack Development
Android
Data Structures

NON-TECHNICAL
Photography

COURSEWORK

UNDERGRADUATE

Object Oriented Programming
Data Structures
Design and Analysis of Algorithms
Software Engineering
Computer Networks
Operating Systems
Database Management Systems
Android Application Development
Net-Centric Programming

SKILLS

PROGRAMMING
C++ • Python • Java • C
Android • Arduino

WEB DEVELOPMENT
Django Rest F/W • Bootstrap v3
Jinja2 • HTML5 • CSS3 • JavaScript

OTHER
Git • LATEX • MySQL • JSON
Firebase Realtime Database
Photoshop • AfterEffects • XD

PROJECTS

COPILOT | Python
September 2017(Ongoing) | Coimbatore, TN
- A smart error search plugin for Sublime Text 3
- Used the StackAPI to fetch questions and results from StackOverflow.
- Optimized for MacOS, Linux and Windows

EMPORIUM | Django
October 2017 | Coimbatore, TN
- A user based mock e-commerce website crafted with Django.
- Valid rating system and categorization of products.
- Serialized JSON using Django Rest Framework for product data retrieval

OD SYSTEM | Android
March 2017 - April 2017 | Coimbatore, TN
- Android app to request, confirm and broadcast OD(On Duty) forms for the students of my university.
- Used the Firebase Realtime Database (NoSQL) to store, retrieve and remove data.

TWEET OPINION AND SENTIMENT ANALYZER | Python
March 2017 | Coimbatore, TN
- A script written to predict the sentiments and opinions of Twitter users.
- Prediction based on tweet location (Indian states).
- Used tweepy, pandas, vaderSentiment.py and nltk libraries to process data.

HITCH | Django
October 2016 | Coimbatore, TN
- A profile based website created to connect free lancers/companies with an event host.

MOTION DETECTOR | Arduino
May 2016 | Coimbatore, TN
- Motion detection using Arduino Uno and PIR sensor.

INTERNSHIP

AMRITA ROBOTICS RESEARCH CENTER | Research Intern
June 2016 | Bengaluru, KA
Hexapod Modelling
Developed a model of a hexapod on VREP and wrote algorithms for walking and balancing it in Python

AWARDS AND ACHIEVEMENTS

2016	Participated in ACM ICPC 2016
2015	Attended AWS workshop at National Institute of Technology, Trichy
2014	Oracle Certification for Web Component Development using Java
2014	Placed 3rd in quiz conducted during Talent Search at Amrita University