Sanket Vavadiya

I am a focused and very enthusiastic person, keen to learn new things. I am very interested in problem solving and software development technologies. I assure to compound constant efforts to make my skills and knowledge in order to contribute the best to the organization and society.

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in linkedin.com/in/vavadiya-sanket   ⭘ github.com/vavadiyasanket

EDUCATION

Bachelor of Engineering
Sardar Vallabhbhai Patel Institute of Technology ⧉

07/2017 - Present   *8.68*

Courses
- Information Technology

Higher Secondary School
Gujarat(State) board

03/2015 - 03/2017   *69%*

Secondary School
Gujarat(State) board

04/2014 - 03/2015   *78%*

PERSONAL PROJECTS

JvC: Programming Language (09/2020 - 12/2020) ⧉
- *C, Win flex-bison*
- Project of Compiler design
- Built high-level programming language similar to C which has very basic functionalities
- Terminologies: Grammars, Symbol table, Abstract syntax tree

Image Classification (01/2020 - 05/2020) ⧉
- *Python, Deep learning*
- Classification of Image using CNN
- Image classification using Transfer learning feature extraction and fine tuning of pretrained model
- Study of Hyperspectral Imaging

Object Tracking (08/2019 - 11/2019) ⧉
- *Python, OpenCV, YOLO v3*
- Classification among different 80 objects with very high confidence score using pre-trained YOLO-v3 model
- Creates Bounding Boxes around objects and assign them ID no to uniquely identify each object detection
- Based on calculated distances between centroids they keep tracking the object in consecutive videoframes

Online Music Website (06/2019 - 07/2019) ⧉
- *HTML, PHP, JavaScript, MySQL, phpMyAdmin*
- Signup-Login, edit profile, Create-Edit-Delete Playlists
- Search and play songs by category, author, language, download song if logged-In and account is verified, add to favorites', Verification & Forgot password through registered mail

SKILLS

Data Structures & Algorithms   DBMS

C/C++, Java, Python   OOP

HTML, CSS, JS, PHP   Deep Learning

CERTIFICATES

Deep learning specialization (02/2020 - 07/2020) ⧉
Specialization consists of five courses

Google kick start - Round E 2020 (08/2020 - 08/2020)
Ranked 5712 among 11k+ participants

CAMPUS ACTIVITIES

Coding club, SVIT (06/2019 - 05/2020)
Technical coordinator

Prakarsh national symposium (01/2019 - 02/2019)
Promotion volunteer

LANGUAGES

English
Professional Working Proficiency

Hindi
Native or Bilingual Proficiency

Gujarati
Native or Bilingual Proficiency

INTERPERSONAL AND EXTRA CURRICULAR SKILLS

Team work   Management