YASH DUSING

SOFTWARE ENGINEER

ABOUT ME

I am a deep learning practitioner and open source enthusiast looking forward to learning new things.

CAREER OBJECTIVE

My goal is to become associated with a company where I can utilise my skills and gain further experience while enhancing the company's productivity and reputation.

CORE SKILLS

- Data Structure / Algorithms (C/ C++/ Python)
- Machine Learning
- Deep Learning (Keras & tensorflow)
- Web development (HTML, CSS, Javascript (ES6), ReactJS, NPM, Django, NodeJS, Express.js, AJAX, HTTP, Bootstrap, jQuery, JSON)
- Others (Python & iPython Notebook, numpy, OpenCV, C/C++, Git/Github, Pygame, Raspberry Pi)
- Robotics and IoT

CONNECT WITH ME!

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Portfolio page : yashdusing.github.io
Github : https://github.com/yashdusing
LinkedIn: https://www.linkedin.com/in/yash-dusing-509429164/

WORK EXPERIENCE

GOOGLE CODE IN MENTOR - 2018
CloudCV | Oct 2018 - Dec 2018

- Served as a key member of the mentors team charged with helping the students in Google Code In with their tasks involving Deep learning(Keras, Caffe, Tensorflow) and web development (ReactJS,Django).
- Created tasks that were selected for Google Code In

EDUCATION

VEERMATA JEEJABAI TECHNOLOGICAL INSTITUTE (VJTI)
Bachelor's of Technology - IT | 2016 - 2020 | CGPA - 7.39

- Courses :
    Data Structures & Algorithms
    Database Management
    Operating Systems

RAMNIVAS RUIA JR. COLLEGE
Computer Science Vocational | 2014 - 2016 | 84.5 %

- Courses :
    Computer Science

PROJECTS

BABY CRY DETECTION (AUDIO CLASSIFICATION) USING CNN

- Using Convolutional Neural Networks on Keras using ESC-50 Dataset & youtube videos of baby crying and training on a GTX-980.
- https://github.com/yashdusing/Baby-cry-detection-

DOGS V/S CATS CLASSIFICATION USING CNN

- Using Convolutional Neural Network (VGG16 model) on Kaggle dataset to train a classifier to classify the images of Dogs from Cats

IMAGE TO IMAGE TRANSLATION USING CONDITIONAL ADVERSARIAL NETWORKS (ONGOING)

- Using CGANs to convert B/W images to coloured image

ACHIEVEMENTS

RUNNER UP IN BLIND MAZE ROBOT CHALLENGE (05/2017)

Runner up in SRA's blind maze robot challenge using Djikstra and North-West-South-East mapping technique.

EKLAVYA COMPLETION (06/2017)

Using OpenCV to project images for colorblind people using mobile phone as mounted-display (Raspberry Pi)

COC WORKSHOP COMPLETION

Using pygame to create Snake game and Pocket Tanks (with network playability using Python sockets)

OPEN SOURCE CONTRIBUTIONS

Contributions to various open source repositories like CloudCV's Fabrik , EvalAI and Shogun

COURSES

LIST OF COURSES TAKEN :
Andrew NG's Machine Learning, Deep Learning
Deep Learning Book (Ian Goodfellow)
CS231n 2016
FastAI
CS109
Udemy, Machine Learning, Deep Learning courses (Sentdex & Siraj Raval)

CERTIFICATES

MACHINE LEARNING BOOTCAMP IEEE

SRA'S WALL-E WORKSHOP

LOOPHOLE | ETHICAL HACKING WORKSHOP

MACHINE LEARNING COURSERA

DEEP LEARNING COURSERA

BLIND MAZE ROBOT TECHNOVANZA PARTICIPATION