NIVEDITA M

CONTACT

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CERTIFICATES

Python
https://pdfhost.io/v/ssrz0QSsl_certi10pdf.pdf

Certified by Udemy - 17.5 hours

Java
https://pdfhost.io/v/BDZUFYZFX_certi6pdf.pdf

This is a course offered on udemy - 80.5 hours

Machine Learning
https://pdfhost.io/v/aUueU91JL_certi1pdf.pdf

Its an online non-credit course authorized by Stanford University.

Data Science
https://coursera.org/share/ba5b95e1467ffc5463822fe0c475fcc4

Its an online non- credit course authorized by the University of Michigan

Artificial Intelligence
https://pdfhost.io/v/FkcEEtY40_certi12pdf.pdf

Its an online non credit course authorized by IBM

Data Sctructures in C
https://pdfhost.io/v/EBaHBMD4t_certi3pdf.pdf

Certified by Eckovation

OBJECTIVE

Hello! I'm Nivedita.M, a software engineer based in Bangalore, India.

I spend my time working on building products, services, and experiences that are meaningful, purposeful, and fun. I work somewhere at the intersection between design, technology and business development, and have a deeply insatiable desire to create. I've always been a creative person, and my passion for technology and understanding people has shaped me into the engineer I am today.

I am currently pursuing my Engineering fromRashtreeya Vidyalaya College of Engineering. I love to create art work on photoshop @psnive.

portfolio: https://niveditamadhava.netlify.app/

PROFESSIONAL DETAILS

Data Analyst - 1 Jul'20 to 1 Aug'20
TAKENMIND TECHNOLOGIES

I was in charge of data cleaning and assigned to a project where I was working on performance prediction of employees based on their attendance.

Worked with pandas,scikit-learn, tableau.

Research Associate - 1 Aug'20 to 1 Sep'20
SMARTBOT

I was assigned to optimize ML,DL,NN algorithms, to determine the minimum log size required for intent identification, and to identify and prove which of the intent classification method is the best method (in terms of memory and percentage of accuracy).

Work with determining which is the best method for intent pattern identification using rasa, NLTK, LSTM, CRF

Machine learning Intern - 1 Mar'20 to 1 Jul'20
AMZ AUTOMOTIVE

I worked as a Machine learning Intern. I have had the chance to teach and make courses on Machine Learning, Deep Learning, Artificial Intelligence, Python Programming

I Worked with image processing for Autonomous car.

IoT Intern - 1 Sep'19 to 1 Dec'20
VERZO

C programming

Certified by Eckovation

IOT
https://pdfhost.io/v/aSI5XhPJ5_certi8pdf.pdf

I was assigned to work on a Home Automation using Raspberry pi and Google Assistance. This gave me a hands-on experience to work with Raspberry pi and experiment with it.

Python Programming
https://pdfhost.io/v/Jtxu1kUCE_certi5pdf.pdf

Its a course on Python programming by Eckovation

SKILLS

Programming Languages

• C • C++ • Java • Python

• JavaScript • PHP • React

Databases

• Oracle • Mysql • Postgres

• Solr • MongoDB

Tools

• MS Word • MS Excel

• Eclipse • Conda • Postman

• Git

Operating System

• Windows • Linux • Mac OS

Frameworks

• Laravel • CakePHP • Flask

• Django • REST • Spring Boot

HOBBIES

• speed cube

SOCIAL MEDIA

I was assigned to work on a Home Automation using Raspberry pi and Google Assistance. I had worked with Raspberry pi, matlab and thinkspeak

PROJECTS

OCR
https://github.com/Nivedita-del/ocr

A program to identify Certificate of Registration card ,extract the information and keep in json then convert into a csv file.

Tools used: Ocr space, regex, textract, google vision

V2X communication
https://nivedita-del.github.io/v2x/

Simulation of V2X communication system using DSRC framework with WLAN and Analysis of how vehicles transfer data within less period time.

Tools Used: C programming, OMNETT++, Sumo, Matlib

Autonomous car
https://github.com/Nivedita-del/Adeept

Image recognition for autonomous car and lane changing algorithm on raspberrypi car using distributed laerning.

Tools used: python, tensorflow, openCV, pandas, distributed learning

Emotion Recognition
https://github.com/Nivedita-del/Emotion_recognition

This is a codebase for emotional recognition software. Which will tell what state of emotion you are in based on face analysis.

Tools used: python, keras, tensorflow, numpy, openCV

Hospital management
https://github.com/Nivedita-del/hospital_management

It keeps a record of the new patients, the record of old patients and their medical record. It also keeps a record of the doctors, their specialization.

The mask
https://github.com/Nivedita-del/The_Mask

Developed a Mask Detection Project. In times of spread of COVID-19, masks have become an essential item for all of us. So, the detection of masks in public places has become important.

Tools used: tensorflow, keras, openCV

Asteroid detection and gravitational waves
https://nivedita-del.github.io/NSAC-The_Unknown/

A prediction model of gravitational waves and visualisation based on its characteristics to find wormholes, along with live asteroid

https://www.linkedin.com/in/nivedita-m-2a4412179/

LANGUAGE

English

Hindi

Kannada

Japanese

tracking with a prediction model for impacting the earth.

Tools used: jupyter-notebook, python, google colabs, keras, tkinter, scikit-learn, matplotlib, rest api, photometer

Intent pattern Identification
https://github.com/Nivedita-del/intent-pattern-identification

Unsupervised learning program which is able to identify and label intents accordingly. This saves the time taken by developers to label the intents manually.

Tools used: Rasa, NLTK, LSTM, RNN,CNN

ACADEMIC DETAILS

- 2021 **B.Tech/B.E.**
  Electronics and Electrical Engineering
  Rashtreeya Vidyalaya College of Engineering (RVCE)

- 2017 **XII**
  Deeksha

- 2014 **X**
  Swargarani