

TEJAS VERGHESE

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OBJECTIVE

Inquisitive, energetic computer science student skilled in leadership, with a strong foundation in math, logic, and Java coding. Seeking to leverage solid skills in collaboration, communication, and development as a Software Developer.

ACADEMIC BACKGROUND

Exam Passed	School / College	Board / University	Percentage
B.E. (Computer Science & Engineering)	Technocrats Institute of Technology, Bhopal	Rajiv Gandhi Proudlyogiki Vishwavidhyala, Bhopal	76.6 %
12 th	Campion School, Bhopal	C.B.S.E.	67.4 %
10 th	Campion School, Bhopal	C.B.S.E.	80.0%

PROJECTS

Project Title #1 : (Major Project)

Key-Agricultural Commodities Daily Market Price Prediction using Deep Neural Network

February 2017 – Ongoing

Project Brief : - A Deep Neural Network Project that uses Agricultural Datasets from the Open Government Data Platform to Predict Future Prices of agricultural commodities. It focuses on Data Prediction of Maximum, Minimum and Modal Prices of Key Agricultural Commodities w.r.t. State, District, Market, Commodity and Arrival Date.

GitHub Link : https://github.com/verghesetejas/KAC_Predictor.git

Technical Skills : - Machine Learning (Artificial Neural Networks Theory), Python 3.6, SQLite3, PyQt5

Tools Used : - Spyder IDE, TensorFlow API, Keras API, NumPy, SciPy, Pandas, Matplotlib, Qt Designer

OS Platform : - Windows (8.0 & above), Linux, MacOS

Project Title #2 :

(Simplilearn Certification Project)

Apache Spark – Real Time Project – Marketing Analysis

December 2017

Project Brief : - Big Data Analysis of a Marketing Campaign Dataset of a Portuguese banking Institution. The marketing campaigns were based on phone calls. Often, the same customer was contacted more than once through phone, in order to assess if they would want to subscribe to the bank term deposit or not.

Certificate Link : <https://certificates.simplidn.net/share/461124.pdf>

Technical Skills : - Scala, Hadoop, HDFS, Linux Command-line

Tools Used : - Hadoop, Hadoop Distributed File System (HDFS), Apache Spark

OS Platform : - Linux, Apache Hadoop Interface

Project Title #3 : (Minor Project)

Optical Character Recognition using Convolutional Neural Networks in Python

February 2017 - June 2017

Project Brief : - Optical Character Recognition is a project which is capable of analyzing an image file (.jpeg, .png) for alphabets and numbers, using the Convolutional Neural Network to identify the character in the image. Then printing it in computer understandable format of text.

Technical Skills : - Machine Learning (Convolutional Neural Networks Theory), Python 3.5, TensorFlow API, Keras API, PyQt5

Tools Used : - PyCharm IDE, Qt Designer

OS Platform : - Linux

Project Title #4 :
(Srijan – 2015 - 16)

Rumble Wade
(Game Development in Unity
Engine using C#)

March 2016 - 10th April 2016

Project Brief : - Rumble Wade is an Android 3D Open World Game Developed using the Unity 3D Engine in the C# Programming Language, All 3D models and Game Assets were designed using the Blender 3D modelling software and the images and maps were designed using GIMP and PhotoShop.

Technical Skills : - C# coding for Unity Game Engine, 3D modelling in Blender

Tools Used : - MonoDevelop IDE (C#), Unity 3D Game Engine, GIMP (GNU Image Manipulation Program), PhotoShop, Blender 3D modelling software

OS Platform : - Android 4.1.2 (Jelly Bean)& above, Windows 8 & above, Linux

TECHNICAL SKILLS

Programming Languages : Proficient - Java, C++, C, Python, HTML, CSS
Beginner - R, Scala, C#

Software Tools : - GIMP, Photoshop, Unity Engine, Dreamweaver

Database : - MS SQL server, PostgreSQL, MySQL

IDE : - Eclipse, NetBeans, Android Studio, Visual Studio 2008, Geany, PyCharm

Office Tools : - Microsoft Office Word, PowerPoint, Excel, LibreOffice Suite

Operating Systems : - Windows 7, Windows 10, Ubuntu Linux, CentOS, OpenSUSE

Big Data & Hadoop : - Hadoop HDFS, MapReduce, Spark, Sqoop, Hive, Impala, Pig, HUE

PERSONAL INFORMATION

Father's Name : Verghese Abraham

Mother's Name : Ganga A. J.

Date of Birth : 21st March 1996

Age : 22 Years

Gender : Male

Languages : English, Hindi, Malayalam

Hobbies : Reading Novels, Playing Basketball, Competitive Programming

OTHER ACTIVITIES

- Attended and Completed Big Data Hadoop and Spark Developer Training from Simplilearn.
- Java (J2SE) training from Centre for Research and Industrial Staff Performance (CRISP) 2017.
- Srijan – 2015-16 (Festival of Technical Papers & Innovative Models), Qualified for Final Round.
- School Team Basketball Player from 2010 – 2012.

DECLARATION

I hereby declare that all the information that I have specified is true to the best of my knowledge.

Tejas Verghese