

Shivam Sunil Bhosale

B-103, Shree Ganesh Plaza 2 , Sector-1, New Panvel, Maharashtra / shivambhosle21@gmail.com / +91-9820195425

Summary

Completed undergrad in Computer Science Engineering from SRM Institute of Science and Technology, Chennai, India, and have hands-on experience in Data Science through internships, certifications and projects I had worked on during my period at the university. I will be joining University of Windsor in the upcoming fall semester (Sept 2022) to pursue Masters in Applied Computing.

Education

B.tech Computer Science Engineering

SRM Institute Of Science & Technology., Chennai, Tamil Nadu

Graduating 05/2021

Have secured a cumulative of 77.09%.

XII Grade (CBSE)

DAV public school, New Panvel, Maharashtra

04/2017

Secured 76% in 12th grade with Physics, Chemistry, Maths and Biology as the core subjects.

X Grade (CBSE)

Dav Public School, New Panvel, Maharashtra

04/2015

Secured 9 CGPA.

Professional Skills

Python, C++, Swift, Unity, C, MySQL, Data Analysis Skills, Data Science, CSS, HTML5, Machine Learning, JavaScript, ReactJS, Neural Networks

Employment History

Isruti tek private

Internship, Kanpur, Uttar Pradesh

06/2019 - 07/2019

- Worked on project involving making of a self driving bot.
- Made some small projects using IOT.

The Spark Foundation

Data Science & Business Analytics Intern, Mumbai, Maharashtra

01/2021 - 01/2021

- Worked on different Data Analysis tasks I was given on weekly basis.
 - Applied different ML algorithms to classify and predict the required outcomes from the given datasets.
-

Projects

Plant Leaf Disease Detection

As a part of my final year project, I made a Plant Leaf Disease Detection model using convolution neural network and deployed it using streamlit. The web application accepts a leaf image as input and detects whether it is diseased or not. I was able to achieve an accuracy of 98% on the validation dataset. It also provided any immediate possible remedies. A research paper on the same is been published in a Scopus indexed journal.

Climy - A Weather iOS Application

An iOS application, which could be used to access weather information for any city around the globe.

SantaRun - Android Mobile Game

Made an android mobile game using Unity3D. The game is published on Google play store. C# was used as the primary programming language for the same.

Decentralized Financial Application

A DeFi application made over ethererum smart contract using solidity programming language, which allows user to lend mock Dai token and in return they get a jerry token as a reward for lending.

Face Mask Detector

Made a Face Mask Detector using Tensorflow , Keras and OpenCV. the model detects whether the person is wearing a mask or not. Convolutional neural networks were used to train the model.

Certifications

IBM Data Science Professional Certification (Coursera)

In this Professional Certificate I developed and honed hands-on skills in DataScience and MachineLearning. It started with an orientation of Data Science and its Methodology, became familiar and used a variety of data science tools, learned Python and SQL, performed Data Visualization and Analysis, and created Machine Learning models. In the process I completed several labs and assignments on the project at the end to apply skills. Cloud including a Capstone and demonstrate my knowledge and skills.

DeepLearning.AI Tensorflow Developer Professional Certification (Coursera)

As part of this Professional Certificate program, I have learned: how to build and train neural networks using TensorFlow, how to improve network performance using convolutions as you train it to identify real-world images, how to teach machines to understand, analyze, and respond to human speech with natural language processing systems.

Building Web Applications in PHP (Coursera)

In this course I learned the implementation of PHP and it's functionality in HTML and CSS documents. Basic operations such as creating a server were covered in the curriculum of the course.

Programming for Everybody (Coursera)

This course was a basic introduction about the python programming language and also covered some root level concepts such as classes and functions.

Publications

"Detection of Diseases in Plant Leaf Using CNN Technique",INT-JECS, Vol 14, Issue 03, 2022

"Jerry Token Farm- A Blockchain Based Decentralized Finance Application", International Research Journal of Engineering and Technology, Vol 8 Issue 5, 2021.

Workshops

Actions on Google

Organized by: **Google Developer Club** | Aug 2018

This workshop included creating a prompt action on the google assistant using Firebase.

Quadcopter Workshop

Organized by: **Aaruush Tech Fest** | Sep 2017

This 2-day workshop provided a hands-on experience in assembling and calibrating a Quadcopter.

Position of Responsibility

- Technical Content writer at teaandtech.org
 - Committe Member at Aaruush tech fest.
-

Volunteer Experience

Blomming Beacon

Role- Committer Member | Cause: Social Services

Aaruush Tech fest

Role - Volunteer | Cause: University Tech Fest

Languages

English, Hindi, Marathi, German