

Shawn Gonsalves



San Diego, CA



+1(760) 884-1154



[EmailHere!](#)



[LinkedIn/Shawn](#)



[GitHub/Shawn](#)

ACADEMIC PROJECTS:

Detecting COVID-19 using CT scan images of Lungs (02/2020-04/2020)

A deep learning model that takes CT scan images of patients as input and predicts if the person suffers from CoronaVirus.

This would significantly reduce the time taken in analyzing the CT scan images and thereby increasing the efficiency of detecting the virus.

Expert System for Predicting the regimen for an Ideal BMI (10/2019-12/2019)

To achieve a healthy lifestyle we require an expert nutritionist and personal trainer to reach or maintain a healthy BMI. The Expert system inputs all the useful information of the person and gives a prediction of diet for healthy BMI.

The Game Hub using Design Patterns(02/2020-04/2020)

The game design is developed using Java with the help of multiple Design Patterns and would be played on an interface that makes it more appealing to the user(Java Swing API).

The Rampage of JeffMcCluckerson-Endless Runner Game (09/2019-12/2019)

The goal of the game is to make it through three levels while any objects in your path. In addition, you are challenged to collect eggs as you progress to unlock unique rewards and to increase the points received at the end of each level.

Automated Training And Placement App (08/2018 – 04/2019)

An android based application that can be accessed throughout the school. This system can be used as an application for the Training and Placement Officer (TPO) of the school/college to manage the student information with regards to placement as well as to conduct tests and store results online.

Video Streamer App (01/2018 – 05/2018)

Developed an android application that Streams the video directly on the user's device. Used S3 Buckets to store the data and AWS to help stream media directly from the server.

E-Commerce website (07/2017 – 11/2017)

Designed a website that will help farmers sell their crops directly to the customers. Both the Farmers and the customers have to Register first then login and implemented sending OTP mail verification.

EDUCATION

California State University-San Marcos, San Diego, *Masters in Computer Science*

August 2019 - Present

Fr.Conceicao Rodrigues College Of Engineering, Mumbai Bachelors in Computer Engineering

July 2015 - May 2019

TECHNICAL SKILLS

Tools

Netbeans, Eclipse, Apache Tomcat, Unity, SWI-Prolog, Android Studio, Visual Studio, WireShark, Anaconda Navigator, Jupyter Notebooks, Google Colab, Mbed.

Cloud-Based Technologies

Amazon Web Services, Google Cloud Platform, Firebase, TensorFlow.

Programming Languages

C, Java, Python, C#, Prolog.

Operating Systems

Windows, Linux, Ubuntu

PUBLICATIONS

IJIRCCE-July 2018, Volume 6 Issue 7
Artificial Intelligence and its related Application in the Processing of Natural Language

The paper explains the importance of Artificial Intelligence and focuses on its application in Natural Language Processing.
<http://www.ijircce.com/upload/2018/july/2/Artificial.pdf>

LANGUAGES

ENGLISH, HINDI

