

## Education

Symbiosis Institute of Technology, India | BTech – Computer Science and Engineering July 2017 – May 2019

- Course Work** : Data Structures, Operating Systems, Design and Analysis of Algorithms, Microprocessors, DBMS, Networks, Software Engineering, Entrepreneurship

## Technical Skills

- Languages** : Python, C++, Java, JavaScript
- Tools and Libraries** : Spacy, NLTK, Octave, SciKit-Learn, Pygame, Numpy, Processing, P5js, PhysicsProc
- Skills** : Machine Learning, Deep Learning, Mathematical Computation, NLP, BigQuery
- Applied Projects** – Sentiment Analysis, Named Entity Recognition, Simulation Physics, Neural Network

## Projects

- Yoga Pose Estimation in TensorFlow**  
Yoga Pose Estimation in Tensor flow. Output given to Processing Sketch, workspace used – RunwayML  
[https://github.com/kickereb/Yoga\\_Pose\\_Estimation](https://github.com/kickereb/Yoga_Pose_Estimation)
- Deep Learning Chat Bot (Under Work)**  
Creating a self evolving chat bot using deep learning and Natural Language Processing using NLTK, NER and Spacy
- Double Pendulum**  
Simulating a Double Pendulum with real time physics on Processing environment in Java.  
[https://github.com/kickereb/Double\\_Pendulum](https://github.com/kickereb/Double_Pendulum)
- Othello AI using Min-Max Algorithm**  
Devising an AI based on Min-Max algorithm for the popular board game Othello in Processing environment in java.  
[https://github.com/kickereb/Othello\\_AI](https://github.com/kickereb/Othello_AI)
- Perlin Noise**  
An attempt to produce Perlin Noise Simulation as a background animation in JavaScript.  
<https://github.com/kickereb/Ambulance-Service>
- Games**  
Various arcade and Classic games remade on Processing Environment in Java and P5js in JavaScript.  
<https://github.com/kickereb/Othello-Processing> (Digital Adaptation of classic Board Game “Othello”)  
<https://github.com/kickereb/Classic-Spike-Game> (Interactive and with active physics)  
<https://github.com/kickereb/Stack-Game> (Digital Adaptation of classic Board Game “Stack”)  
<https://github.com/kickereb/Flappy-Bird> (Old classic)

## Certifications

- Google Cloud Platform Certifications** : [https://www.qwiklabs.com/public\\_profiles/86385f2b-c8e1-4fd1-a051-ecaeb42174e9](https://www.qwiklabs.com/public_profiles/86385f2b-c8e1-4fd1-a051-ecaeb42174e9)
- Baseline: Data, ML, AI
- Intro to ML: Language Processing
- BigQuery for Machine Learning

## Awards

- Stood first in AlgoHolics (Annual College Hackathon) March 2018
- 5 star Accreditation in Problem Solving and C++ in Hackerrank June 2018 - Present
- Winner of E-Cell Warfare at IIT – Bombay April 2019
- Runner Up National Entrepreneurship Challenge IIT – Bombay (Advanced Track) January 2018

## Positions of Responsibilities

- Co Cultural Secretary** : College Cultural fest with footfall > 8,000 April 2019 – September 2019
- Events Head** : Entrepreneurship Promotion and Innovation Cell (EPIC) August 2018 – June 2019
- Creativity Head** : Entrepreneurship Promotion and Innovation Cell (EPIC) June 2017 – August 2018
- Student Volunteer** : International Science Conclave, Hisar February 2016 - Present