

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

- **Skills** : Deep Learning, Engineering Mathematics, Computer Vision

Experience

- **Research Intern, HERE Technologies** January 2020 – July 2020
Working on enhanced feature extraction from aerial imagery deployed on multi channel distributed systems.
- **Tata Motors AI Hackathon** August 2019
Worked on voice sentiment analysis to solve state of the art NLP problems

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
- **UNET – TGS Salt Identification**
Implementing UNET Architecture on TGS Salt identification challenge by Kaggle.
https://github.com/kickereb/Understanding_UNET_with_TGS_Salt_Identification
- **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
- **Facial Recognition Attendance System**
Using face detection + recognition to automate attendance in real time for classroom attendance.
https://github.com/kickereb/Facial_Recognition_Attendance_System
- **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)
<https://github.com/kickereb/BATTLESHIP> (Digital Adaptation of classic Board Game “Battleship”)

Certifications

- Google Cloud Platform Certifications : 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

- Qualified, We are Platform Hackathon (HERE Technologies) January 2020
- Stood first in Algholics (Annual College Hackathon) March 2018
- Recognition for Analytics in Python (Hackerrank) June 2018 - Present
- Winner of E-Cell Warfare (IIT – Bombay) April 2019
- Runner Up National Entrepreneurship Challenge, Advanced Track (IIT - Bombay) January 2018
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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
- **Technical Mentor**: Can You run it, Hackathon (EPIC) June 2017 – August 2018
- **Student Volunteer** : International Science Conclave, Hisar February 2016 - Present