Oytrik Das

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EDUCATION

BITS PILANI
BE in Electrical and Electronics
Expected May 2021 | Goa, India
CGPA: 8.7/10

DELHI PUBLIC SCHOOL
Higher Secondary School Certificate Examination
Grad. March 2017 | Kolkata, India
Percentage: 94.6%

ANAND NIKETAN SCHOOL
Secondary School Certificate Examination
Grad. March 2015 | Gujarat, India
Score: 484/500 (96.8%)

LINKS

Github:// **Oytrik**
LinkedIn:// **Oytrik Das**
Facebook:// **oytrik.das**

COURSEWORK

ON CAMPUS
Computer Programming
Digital Design
Probability and Statistics
Microprocessor Programming and Interfacing
Control Systems

ONLINE
Data Structures and Algorithms, Princeton University (Coursera)
Machine Learning , Stanford University (Coursera)
Neural Networks and Deep Learning (Coursera) - **Certificate**
Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization (Coursera) - **Certificate**

SKILLS

PROGRAMMING
Over 5000 lines:
C • C++ • Python
Over 2000 lines:
Java • ArduinoIDE • HTML • CSS
Familiar:
Q Basics • MySQL • Shell • Matlab • JavaScript

PROJECTS

2048 GAME | Python
December 2017 | Goa, India
- Pygame implementation of the 2048 game.
- https://github.com/Oytrik/Mini-Project-2048

ARMBOT | Arduino IDE
April 2018 | Goa, India
- A robot to imitate the motion of your arm using mpu6050 and arduino uno.

MODULAR ROBOT | Arduino IDE
October 2017 – Present | Goa, India
- A long term group project involving several independent modules which can communicate with each other and can combine together to do some specific task.
- Structure 3D printed in Sandbox, BITS Goa's Fabrication laboratory .

SWARM ROBOTICS | Python and Webots
May 2019 – Present | Kolkata, India
- This project was done as a part of Practice School 1 at the Variable Energy Cyclone Center (VECC), Department of Atomic Energy (DAE) - Kolkata.
- The aim was to solve the coverage problem of a non convex surrounding using swarm of e-pucks. Use of Reinforcement Learning at later stages.

PRACTICE SCHOOL DIARY | HTML, CSS, JavaScript and Python (Django)
February 2019 – Present | Goa, India
- Building a website where students can record the activities done in Practice School.
- Online database system to store the information instead of a hand written diary.
- https://ps-diary.x.codeargo.com/dev_page/

MISCELLANEOUS

LANGUAGES SPOKEN
- English
- Hindi
- English

INTERESTS
- Football
- Music
- Robotics
- Competitive Coding