Vaylon Parnell Fernandes

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Experience and Trainings

Trainee Engineer, *Digisol Systems Limited, Verna, Goa*
12/2021 – present

Training in Embedded Systems And IoT, *Eduvance*
01/2019 – 01/2019

Academic Projects

Pollution Level Monitor, Collection and Prediction System
This was a final year project in which my team wanted to build a pollution and monitoring and prediction system using machine learning and IoT. We implemented various ML models and tested them using dummy data. Due to the COVID-19 restrictions, we were unable to do the IoT part, and validate our models with real-time data.

Running Lights using IC555
For this project, we had to design a PCB using OSCAD and fabricate and solder the components onto a blank PCB.

Organisations

Flask Weather App ⧉
A simple weather app built using Flask and Bootstrap

Flask To Do List App ⧉
A To-Do List app built using Flask and Bootstrap

Random Wiki ⧉
A simple Flask app that displays the title and intro of a random Wikipedia article with a link to the full article.

Publications

Co-author: IEEE conference paper on Air Pollution Prediction using Machine Learning, *IEEE*

Awards

Hackerrank Python Gold Level Badge, *Hackerrank*

Hackerrank Problem Solving Bronze Level Badge, *Hackerrank*

Certificates

- Hacckerank Python Basic Certificate
- Participation Certificate : Kshitij 2016, Don Bosco Project Expo.
- Participation Certificate : Kshitij 2017, Don Bosco Project Expo.
- Participation Certificate : B.S.S (Bose-Shannon-Shockley) Technical Paper presentation

Skills

Python Programming	● ● ○ ○ ○
HTML	● ● ○ ○ ○
CSS	● ● ○ ○ ○
Javascript	● ● ○ ○ ○
Bootstarp	● ● ○ ○ ○
Arduino Programming	● ● ○ ○ ○

Courses

The Complete Python Bootcamp - Go from zero to hero in python., *Udemy*

Build your First Website in one week with HTML and CSS3, *Udemy*

Education

Electronics & Telecommunications Engineering,
Don Bosco College of Engineering, Fatorda
2016 – 2020

12th Science from GBSHSE Board,
Rosary Higher Secondary School, Navelim, Goa
2014 – 2016

10th from GBSHSE Board,
Loyola High School, Margao
2014