Rupaksh Paul

Projects

HELLO-LED, 2018 (ongoing)
- Built Google Assistant compatible home-automation hub
- Collaborated usingGitHub with mentor
- Built a light weight web-server on Flask with Python.
- Used raspberry pi and optocouplers for implementation.

Introduction To Machine Learning, 2018 (ongoing)
- Started Udacity course Intro to ML
- Used scikit learn to make Email classifier using Naive Bayes
- Currently focusing on completing mini projects for course.
- Started surveying datasets for possible capstone project.
A personal achievement would be that I gained a lot of confidence as
a programmer, as I was being able to make good use of documentation,
and third party libraries with relative ease.

Autonomous Terrain Mapping, 2017
- Built an Autonomous Terrain Mapping robot
- Generated 3D maps using cloud point mapping
- Leader for a team of 5
- Worked extensively with Arduino, RaspberryPi+Python
The Robot was capable of navigating an obstacle array and could
map these objects in 3-Dimensional space.The scans and detection
were performed by the on-board LiDar.

SmartTrak - Summer Training, 2016
- Implemented a Car Tracking and SOS beacon
- Worked with GPRS+GPS modules and Arduino
- Collaborated extensively with CS Prof. Dr. KarunVerma

Experience

JOINT SECRETARY, ENACTUS Thapar University
- Represented Thapar at Enactus Nationals, 2016 in Mumbai
- Managed a team of 70 students.
- Co-founded project E-Mitra that impacted more than 400 lives.

VISION,CO-FOUNDER
- Developed a business model and strategy for the startup.
- Pitched to investors and raised Rs.35,000
- Managed a team of 9 and made a profit of Rs.40,000.

Education

THAPAR UNIVERSITY, ELECTRONICS ENGINEERING | CGPA: 7.67
DPS NOIDA, SCIENCE & FINE ARTS | ClassXII: 95.5%

Achievements

Completed Internship at DLF IT Department - 2018
Secured admission - CSE Dept. Certificate Program, University of Florida | 2018
TU Scholarship, JEEMains | 2014
CUHK CSE Deptt Full- Scholarship | 2014
Swimming District Champion & UP State Bronze Medalist | 2011
Interact & i-Decide Member, DPSN | 2010

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Rupaksh Paul

About

I like breaking and
making things.
My interests range
from programming to
wood-working.

I'm currently seeking
a job related to AI and
Deep Learning &
I wish to be a part
of a productive and
creative work
environment.

Skills

- Python
- C
- Flask
- Git + GitHub
- Command Line
- Raspberry Pi
- Arduino + Sensors
- Team Player
- Effective Communicator