Rupaksh Paul

Experience and Projects

Athenta Technologies, Sep 2018 onwards
- Part of the development team and and tech lead on my project.
- Worked extensively on computer vision problems using opencv.
- Made use of face recognition libraries and performed face detection and integration with existing systems.
- Used YOLOv3 models to perform object detection.
- Used pytorch, tensorflow and keras in experimental capacity.
- Used Flask framework to build basic web UI for CV2 streams
- Gained familiarity with Docker
- Helped in general development activities related to python.

HELLO-LED,2018 (On Hold)
- Built Google Assistant compatible Lamp.
- Next step is to implement authentication and REST-ful API

Data Science NanoDegree Term 1,2018-2019(Ongoing)
- Started Udacity course centered around ML techniques.
- Built projects on the topics of supervised, unsupervised and deep learning techniques using sklearn and pytorch.
- Gained confidence in this otherwise daunting domain.

AutoMap, 2017
- Lead a team which built an Autonomous Terrain Mapping robot
- Generated 3D-maps using cloud point mapping
- Worked extensively with Arduino, RaspberryPi+Python
- The scans and detection were performed by the on-board LiDar.

SmartTrak - *Summer Training*, 2016
- Implemented a Car Tracking and SOS beacon under guidance of CS Prof. Karun Verma

Education

THAPAR UNIVERSITY,ECE | CGPA:7.67
DPS NOIDA, SCIENCE & FINEARTS | ClassXII: 95.5%

Extra Curriculars

JOINT SECRETARY,ENACTUS ThaparUniversity
- 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.

Achievements

Completed six month Internship at DLF IT Department - 2018
Secured admission - CSE Certificate Program University of Florida|2018
TU Scholarship,For excellence in JEEMains|2014
Secured CUHK CSEDeptt Full-Scholarship | 2014
Swimming District Champion & UP State Bronze Medalist|2011
Interact & i-DecideMember, DPSN|2010

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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**