Tarun Wadhwa

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SKILLS

- Python
- C
- C++
- Deep Learning
- Machine Learning
- Artificial Intelligence
- Tensorflow
- Pytorch
- Flask
- Socket.io
- Node.js

EXPERIENCE

Developer, Skyline Labs
Pune, Maharashtra — Dec 2015 - May 2016

Accomplishments
- Worked on implementing our own IoT platform. Tinkered around with various MQTT brokers. Technologies used : Node.js, mongodb, Eclipse Paho client etc

Deep Learning Intern, Zero.ai
Pune, Maharashtra — Dec 2017 - Jan 2017

Accomplishments
- Did a research work on text to image synthesis using generative adversarial networks

EDUCATION

College of Engineering, Pune
B.Tech. Computer Science — 2015 - 2019

Projects

1. **Image Captioning :** Trained a classifier on flickr dataset for image captioning. Used pre-trained VGG-net on Tensorflow and trained it on FloydHub(It is like a Heroku for Deep Learning).

2. **Style Transfer :** Implemented style transfer using pre-trained VGG-net on Tensorflow as a part of CS 20SI course work.

3. **Game AI :** Developed AI for android game Tic Tac Toe Square(modified version of Tic Tac Toe 9 x 9 board game) using expectimax search algorithm.

4. **Text editor using C :** Developed a text editor similar to nano using ncurses library as a part of Data Structures and Algorithms course work.

5. **Messenger Chatbot :** Developed messenger chatbot for a startup for recommending novels to users using wit.ai for natural language processing. Technologies used : node.js, postgresql etc.

6. **Search Engine using Python :** Implemented a very simple search engine using Flask framework