sumukh badam

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Git hub:
https://github.com/sumuk
linkedin:
https://www.linkedin.com/in/sumuk-badam-7199a96b/

Experience

Zapr Media Labs ▪ bangalore ▪ India

Senior Research Engineer

02/2019 – present

- Multi speaker TTS on VCTK dataset and custom dataset consists Indian speakers

- Using Template Audio to introduce prosodic elements into Multi speaker TTS

- Multi task learning using D vector for speaker verification and sound classification. EER of 8% on VoxCeleb 1 test set

- Punctuation prediction module for Indian language using RNN and Self Attention using word embedding. Overall F1 score 75

- De Noise auto encoder Module for ASR

Sirena Technologies ▪ Bangalore ▪ india

Senior Software Engineer

09/2014 – 02/2019

- Implemented Deep Speech 2 on Tensorflow and trained with Indian speaker data scrapped from youtube

- Implemented Wake Word Engine for GE Healthcare on custom embedded platform

- Design and Develop module for multi robot communication

- Python based programming tool for visual and textual programming for kids and Evaluation tool for teachers on AWS.

Juniper Networks ▪ Bangalore ▪ india

Intern

01/2014 – 07/2014

- Scripts to Automate the Build Process

- Scripts to maintain the sanity of development branch

Education

Manipal Institute of Technology ▪ Manipal ▪ india

Electronics and Communication Engineering

07/2010 – 05/2014

- CGPA: 9.1 / 10.0

- Part of Robotics team that took part in ABU Robocon 2012 and 2013

- Secured 9th place out of 63 teams in ABU Robocon 2013

- Developed medicine reminder device for Anil Tumkur, kasturba medical college

Certificates

Deep Reinforcement Learning Nanodegree ▪ Udacity

https://confirm.udacity.com/KQPGRN5Q

05/2019

- Implemented DQN,DDPG,D4PG and C51 algorithm for single agent

- Implemented MADDPG with D4PG for multi agent system

Skills

Hacker Rank

Python	■■■■■
Problem Solving	■■■■□