
Vignesh.S

Research Staff Member (ZOHO)

7904063908

vignesh.28121997@protonmail.com

240 Brindavan street, Arul Nagar
Guduvanchery
Chengalpattu 603202

EXPERIENCE

BlitzAI , Bangalore - Deep learning engineer

MAY 2022 - Present

My work in BlitzAi includes developing and maintaining deep learning framework models for text-classification, token-classification ,question-answering and invoice parsing

- Developed dl,ml framework from scratch that can be used to showcase various P.O.C
- Developed optimized endpoints for transformer based text-classification, question-answering and token-classification using onnx
- Wrote middleware in django to connect to end points and manage the user data and store the trained model and data in dbms

ZOHO, Chennai - Research Staff Member

DECEMBER 2018 - 2022

My work in Zoho includes Replicating, experimenting with and deploying the current state of the art machine learning research for NLP in applications Machine Translation and Automatic Speech Recognition few of the implementation i have done are

- Implemented translation in c to speed up translation by 3-4x
- Worked on mining bitext from monolingual text data using Faiss
- Made Multiple translation model based on Transformer architecture
- Created synthetic data for Automated speech recognition system using Tacotron 2
- Made changes in build inorder to avoid unwanted ram spikes
- Made Bert based neural network model to find word alignments
- Worked on creating a automatic speech recognition system with deepspeech2

Atsuya, Chennai - Intern

March 2018 - June 2018

- Worked on making Android application that can monitor and give warnings based on the data received from the sensor

EDUCATION

SASTRA University, Thanjavur - B-Tech (CGPA 7.3)

JULY 2016 - JUNE 2020

Zion (Chennai) - Higher Secondary

JULY 2013 - JUNE 2015

SKILLS

- Python development
- Pytorch
- Java development
- Django, flask
- Mongodb , PostgreSQL

AWARDS

1. Secured first prize in coding competition help by KLA-Tencor
2. Second in inter college ML competition Daksh 2018
3. First place in inter college ML competition Daksh 2019
4. Top 1000 rank holder in hackerrank project Euler
5. Have six stars in hacker rank problem solving skills

Hobbies

1. Table tennis
2. Gym(Mr 65 2017 ,Mr 75 2018)
3. Badminton