Arun Babu PT

Computer Science & Engineering
Indian Institute of Technology Bombay

213050059
M.Tech TA
Male

Examination	University	Institute	Year	CPI/%
Post Graduation	IIT Bombay	IIT Bombay	2021-	-
Graduation	CUSAT	SOE CUSAT	2016-20	8.7
Intermediate/+2	Kerala HSC	EMEA HSS	2013-15	92
Matriculation	SSLC	AMMHS Pulikal	2012	99

B.TECH THESIS & SEMINAR

- **Handwritten Recognition and Generation**
  (B.Tech Project | Guide: Dr. Sheena Mathew) *(Dec'19 - May'20)*
  Current work:
  - Handwritten Text Recognition (HTR) system implemented with TensorFlow (TF) and trained on the IAM Dataset
  - Implementation of the handwriting synthesis.
- **Introduction to end to end speech translation system**
  (B.Tech Seminar | Guide: Prof. Shirin Salim) *(July'19-Dec'19)*
  - This seminar is a study of Google's new end to end speech translation system called Translatotron.
  - Translatotron is the first end-to-end model that can directly translate speech from one language into speech in another language.This seminar is mainly focussed on study of the model architecture and future works for Translatotron.

COURSE PROJECTS

- **Automatic Essay Grading**, *(CS XXX)* *(Jan'20-May'20)*
  - Description
- **Emotion recognition in images and video**, *(CS XXX)* *(July'19-Nov'19)*
  - Description
- **Block chain based voting system**, *(CS XXX)* *(July'19-Nov'19)*
  - Description
- **Project Title 3**, *(CS XXX)* *(July'19-Nov'19)*
  - Description

TECHNICAL SKILLS

- **Programming & Scripting Languages**: Python, C, C++, Java, Javascript,HTML, CSS
- **Tools & Libraries**: LaTeX, OpenCV, VueJS, Django, MATLAB

WORK EXPERIENCE & INTERNSHIPS

- **Cyber security Intern** | *Technovally Software India Private Limited* *(July'17-Apr'18)*
  - Description
  - Description
  - Description
- **Position held** | *Name of university or company* *(July'17-Apr'18)*
  - Description
- **Position held** | *Name of university or company* *(July'17-Apr'18)*
  - Description

POR & EXTRA-CURRICULARS

- **Teaching Assistant** for the course, **CS 218 : Design and Analysis of Algorithms Minor** *(May'21-Present)*
- **Hackathon Co-ordinator** at CUSAT, **Make-a-Ton :** Organized by cusat Techfest *(Dec'19)*
- **Interview coordinator CUSAT** *(Dec'19-Jan'20)*
- **Relief camp volenteer** Leader of student committee for Flood relief camp held in CUSAT *(Dec'19-Jan'20)*
- **Flood relief voleteer** Leader of student committee for Flood relief camp held in CUSAT *(Dec'19-Jan'20)*