JATOTH BHARATH KUMAR

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EXPERIENCE:

- **DATA SCIENTIST AT CGI**   *Aug 2017 - Present*
  Designing AI based applications which help the Company to reduce the manual effort and complete work at a faster pace.

PROJECTS:

INTELLIGENT AUTOMATIC PROPOSAL ENGINE   *Jan – June 2018*
- Implemented a sematic based search engine for all legacy applications to retrieve the data which resulted in reduction of 70% of man power
- This is also capable to generate a RFP proposal for the given document based on the data available.

INTELLIGENT AUTOMATION WRITER   *Aug – Dec 2017*
- *Version 1.1*: Developed an Automatic Document writer using RNN which predicts the next word using Markov Model which resulted in reduction of Technical writer's job by 50-60%. Model is trained using documentation given for a project.
- *Version 1.0:* Created a Model which retrieves the information for the given Test Cases in the Content Document provided. It will generate a Functional Specification Document in desired format.

TRIGGER WORD DETECTION   *Feb - 2018*
- Developed software which will trigger any device to turn on and off and query the text you speak. The trigger word can be chosen dynamically.

ENTRY BASED ON FACIAL RECOGNITION   *Ongoing*
- Developing a system which will accurately identify the person and allow him to pass the entry. This system will reduce the time taken to entry and eliminates the proxies.

DEEP FRAGMENTATION   *Aug – Dec 2016*
- This will detect the objects in a given image and generates a summary of it.
- It is developed by using CNN followed by RNN attached after the Fully Connected layer in CNN.

TECHNICAL SKILLS:

- **Programming Languages :** Python, C, C++
- **Database Management :** MongoDB, MySQL
- **Machine Learning Frameworks:** Tensorflow, Keras,
- **Operating Systems:** Linux, Windows
- **Web Technologies :** Angular 4, CSS, HTML

COURSES TAKEN:

- Deeplearning.ai (5 course Certification from Stanford University)
- Machine Learning (Certification Course from Stanford)
- Algorithms and Data Structures
- Databases
- Networking
- Psychology

POSITIONS OF RESPONSIBILITY:

- Vice President of the Social welfare club Spread India, which provides free education to children who cannot afford.