

JATOTH BHARATH KUMAR

B.Tech undergraduate
Computer Science and Engineering
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EDUCATION

Year	Degree / Certificate	Institute / Board	CGPA/Percentage
2013 -2017	B.Tech	Indian Institute of Technology, Guwahati	6.19
2012	Senior secondary	BIE. Andhra Pradesh	92.4%
2010	Secondary	SSC Andhra Pradesh	93.5%

EXPERIENCE

- **Data Scientist at CGI** *Aug 2017 - Present*
Designing AI based applications which helps the Company to reduce the manual effort and complete work at a faster pace.

PROJECTS

- **Intelligent Automatic Proposal Engine** *Jan 2018 - Present*
Developed a Application which will get the accurate results for the given Questions in RFP Documents. Input will be a single Question or Multiple Questions to which the Engine Generates accurate answers in the given corpus on which it has been trained.
Tools Used: Tensorflow ,Python(Text extraction), Django (Webserver)
- **Trigger Word Detection** *Feb 2018*
Any device will be automatically get turned on with the trigger word you choose. This is similar to Alexa or google but this is designed to dynamically change the trigger word
- **Emoji Detection** *Mar 2018*
This system will automatically generate the emoji based on the text. Here we used Multi to One RNN. This will help us in building the accurate emoji get detected as total text will be ingested into the system.
- **Intelligent Automation Writer** *Aug-Dec 2017*
Developed a Automatic writer using RNN which predicts the next word with the help of the large text corpus which is given as input. Input can be anything of Documentation of a project plus questions to which you need to generate new output. This generated the output document in word Format.
Supported Formats for input : HTML, PPTX, Word Documents as input
- **Deep Fragmentation** *July-Dec 2016*
This application will detect the objects in a given image. It is built by a CNN followed by a RNN attached after the Fully Connected layer of the CNN output.

TECHNICAL SKILLS

- **Programming languages** : Python, C++, C
- **Database management** : mySQL, MongoDB
- **Machine Learning Frameworks**: Keras, Tensorflow
- **Operating system** : Windows, Ubuntu
- **Web technologies** : HTML, CSS, Javascript, Angular 4
- **Miscellaneous** : Django, Google-Cloud

POSITIONS OF RESPONSIBILITY

- Member of Spread India, a social Welfare Group which improvises the basic infrastructure in Government Schools.

KEY COURSES TAKEN

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|---|---------------------------------|
| • Algorithms | • Networking |
| • Data Structures | • DataBases |
| • Game Theory | • Intelligent System Interfaces |
| • Deeplearning.ai (5 course Certification by Stanford University) | |
| • Machine Learning (Certification by Stanford University) | |

EXTRACURRICULARS

- Analyse news patterns from newspapers and detecting the fake news
- Solving Sudoku puzzles