

Jayakrishna Sahit

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EDUCATION

IIT GANDHINAGAR

BACHELOR'S IN COMPUTER SCIENCE
2016 - 2020 | CGPA - 7.72

LINKS

Github:// [sahitpj](#)

Personal Website:// [sahitpj](#)

COURSEWORK

Natural Language Processing

Machine Learning

Databases

Data Structures and Algorithms

Operating System

Computer Architecture

SKILLS

PROGRAMMING

Python • Java • C/C++

JavaScript • GCP

React • Vue • React-Native • Web

PyTorch • Tensorflow • Spacy

TOOLS

Git • VSCode • MongoDB • MySQL

ElasticSearch • Jupyter

HONORS

- Our work Agribot was recognized by the Gandhian Young Technological Innovations - GYTI - <http://gyti.techpedia.in/project-detail/agricultural-q-a-chatbot/13714>
- Won 3rd best paper award for our paper about AgriBot at ICSTEM VG 2019 for the following
- NTSE scholar 2012, recognized by the Govt of India

EXPERIENCE

INMOBI | SOFTWARE DEVELOPER ENGINEER

Mar 2019 – July 2019

- Part of Development of the company's Data Ingestion platform
- Built and code reviewed component microservices for the platform
- Developed using Java and used Azure, along with Docker and AKS as SaaS providers

GOOGLE SUMMER OF CODE @DBPEDIA | RESEARCH AND DEVELOPMENT | OPEN SOURCE

Mar 2019 – September 2019

- Worked for DBpedia in developing a tool for extracting RDF from text
- Used python along State of the Art NLP POS taggers and dependency generators in order to leverage semantic data of the text for RDF generation
- deployed the final product as a full functional web application

BRITISH BROADCASTING CORPORATION | RESEARCH AND DEVELOPMENT ENGINEER

Mar 2018 – July 2018

- Part of the company's visual journalism team
- Tasked with Fake News research for the company. Investigated techniques for understanding fake news with the help of word embedding and semantic analysis
- Along side I was tasked with developing visual and interactive content as a part of it's new initiatives

PROJECTS

AGRIBOT [HTTPS://AGRIBOTCHAT.APPSPOT.COM](https://agribotchat.appspot.com) | Prof Mayank Singh

August 2018 - Feb 2019

Developed a real time chat bot for farmers which answers agriculture related queries. This was made using previous years Kisan Call centre data of all states in India, present on <http://data.gov.in>. Our work has been recognized by GYTI

NLPEXPLORER NLPEXPLORER.ORG | Prof Mayank Singh

January 2019 - November 2019

A completely automatic portal for indexing, searching, and visualizing Natural Language Processing (NLP) research volume. Database regularly updates itself using an automated pipeline. Presents interesting insights from papers, authors, venues, and topics.

PUBLICATIONS

- Naman jain, Pranjali Jain, Pratik Kayal, Jayakrishna Sahit, Soham Pachpande, "Agribot: Agriculture- Specific Question Answer System" International Conference of STEM, Vibrant Gujarat 2019
- Parmar, Monarch; Jain, Naman; Jain, Pranjali; Sahit, P. Jayakrishna; Pachpande, Soham; Singh, Shruti and Singh, Mayank, "NLPEXplorer: exploring the universe of NLP papers", arXiv, Cornell University Library, DOI: [arXiv:1910.07351](https://arxiv.org/abs/1910.07351), Oct. 2019.