

Narayana S. Venkat

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🐙 [NarayanaSVenkat.github.io](https://github.com/NarayanaSVenkat)

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Junior Year Undergraduate

Bachelor of Technology

Dept. of Computer Science & Engineering

OBJECTIVE

An Computer Science Undergraduate with a foundation in Math, Logic, and Programming who is seeking an internship in your organization to learn and to do much more.

EDUCATION

Indian Institute of Technology, Varanasi

Bachelor of Technology

July 2017 - Present

Current CPI: **8.87**

Sri Chaitanya Narayana Junior College, Gosala

Intermediate Education

June 2015 - June 2017

Percentage: **98.2**

Dr. KKR's Gowtham Concept School, Rajamahendravaram

Secondary Education

June 2014 - June 2015

Grade **9.8**

RELEVANT COURSEWORK & ACADEMICS

				Course	Grade
				Computer Programming	A-
				Data Structures	A
				Information Technology Workshop	A
				Computer System Organization	B-
				Information Technology Workshop - II	A
				Artificial Intelligence	A
				Algorithms	A-
				Operating Systems	A
Sem-I	Sem-II	Sem-III	Sem-IV		
8.14	9.75	8.39	9.33		

GYMKHANA COURSES

Completed the Swimming & Aquatics Exercises course organised by B.H.U Swimming Faculty.

WORK EXPERIENCE

4iq, Vijayawada

May 2018 - July 2018

Worked in a team of three. Designed and developed an Interest based Loan Management System using SQLite3, Python and Django framework from scratch which maintains more than 200 clients and integrated it with existing Chit Funds Management software.

PROJECTS

Search Engine

Built a search engine using Python, Gensim and Django which retrieves relevant text documents from a corpus and order them. Tested this search engine with a Medical corpus containing data about various health disorders.

Exploratory analysis of Matrix factorization techniques

Dr. Ravindranath Chowdary

Delivered a presentation on Latent Semantic Indexing, a matrix factorization technique which is very frequently used in Recommender systems. Implemented an SVD model for LSI using Numpy & Scipy. It was tested with corpus in Hindi Language and produced very reliable results.

Foodee

Dr. Amrita Chaturvedi

'Foodee' is an end-to-end restaurant web application with all the major features right from user login/registration to maintaining orders, cart etc. All database transactions were performed using django-ORM or by MySQL cursor connections. Implemented custom django-middleware classes to detect IP Addresses.

File System Simulation

Dr. Bhaskar Biswas

Created a simulation of File system with a command line interface which acts very similar to bash by implementing all standard file/directory operations and also navigation commands via Tree Based Allocation.

Graphical Shell

Dr. Tanima Dutta

Created a Graphical shell using the existing Command Line Interface in Linux i.e using Bash Shell Scripting which has features such as text processing, file management, system status commands.

HACKATHONS

Microsoft CodeFunDo++

October 2018

Created the web application 'findThem' that maintains a directory of the bio data of missing people and also has search capability. Successfully completed PHASE-3 of the hackathon.

AREA OF INTEREST

As a Junior Year undergraduate who is intrigued by almost every computer science subject learnt, I don't have particular interests. I am happy to work in any Computer Science field.

TECHNICAL SKILLS

Mostly programmed in	C, C++, Python
Less programmed in	Bash, HTML, CSS, Javascript, Java
Database Handling	MySQL, SQLite
Frameworks/Libraries	Django, Gensim and many other Python Libraries
Technologies	Github, LaTeX, SPyder, JuPyter

ACADEMIC ACHIEVEMENTS

Bagged All India Rank **793** in IIT-JEE 2017

Received a fellowship offer from I.I.Sc, Bangalore after successfully completing the interview and aptitude exam conducted by KVPY

Bagged All India Rank **4** in Smart India Talent Examination, 2012 conducted by My Education Times

POSITIONS OF RESPONSIBILITY

Student coordinator at Student Counselling Services, an initiative of IIT(BHU) to provide counselling services to the student community and also conducts orientation programs.

Member of Smart Yoga, an institute promoting the awareness of benefits of Yoga and Meditation also conducts Yoga sessions.

Former Student Member, Club of Sustainability and Innovation, a strong community of like-minded individuals who aim to develop technological innovations which helps the nation grow towards a sustainable future.

BIO-DATA

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|-----------------------------------|---------------------------------------|
| • Father : Narayana G.V. Papa Rao | • Nationality : Indian |
| • Mother : Vandnapu A. Lakshmi | • DOB : 5/11/1999 |
| • Gender : Male | • Languages : Telugu, Hindi & English |

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