

# KSHITIJ SHARMA

A Student Of SSN  
College Of Engineering

## Contact

### Address

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## Languages

ENGLISH

HINDI

TAMIL

GERMAN

SANSKRIT

## Software Skills

C, Data structures in C,  
C++,Python,Octave,OOP in  
Java, R , Unix and Shell

JavaScript, HTML, XML, CSS,  
Nodejs, Vuejs,SQL, MongoDB,  
Flutter

## Research Papers

Text Classification and  
Generation Generation on  
Common Sense context using  
NLP Techniques approved  
for publication at the  
International Workshop on  
Semantic Evaluation 2020  
Barcelona, Spain Dec 12-13

Currently writing a research  
paper on a python  
application for individual  
safety in public.

Energetic university student with upcoming Bachelors (B.E) in the field of Computer Science. Detailed-oriented and motivated to stay on task, meet aggressive timelines and accomplish goals. Strong analytical and organizational skills within the tech industry.

## Work History

2020-08 -  
2020-10

### AI Intern

VERZEO in Collaboration with Microsoft, Chennai

Responsible of learning the latest concepts in AI and implementing them in real world applications.

#### List of Projects:

- Chatbot.
- Rnn- text to speech and speech to text.
- Face detection and Recognition.

2020-05 -  
2020-07

### Software Developer Intern

Xseed Education, Chennai, TamilNadu

Designed various websites using Flask, node.js and Vue.js, incorporating data analysis as well.

#### List of Projects:

- Tweets-search web application
- Otp verification component.
- Questions rendering application.
- E-commerce website for buying various products.
- File uploading in downloading cloud service.

#### Project link:

<https://github.com/kshitijsharma/Xseed-Internship>

2019-06 -  
2019-06

### Data Analytics Intern

TakenMind, Chennai, TamilNadu

Responsible for solving various tasks in Data Analysis and Data Visualisation

#### List of Projects:

- Performing Data manipulation and Extraction.
- Plotting various graphs for the data set.
- Creating a report and inference from the data set.

#### Project link:

<https://github.com/kshitijsharma/TakenMind-DataAnalysis-Internship>

2019-04 -  
2019-06

### Intern

Inventrom Private Limited, Chennai, TamilNadu

Responsible for popularizing the concepts of Internet of Things and Machine Learning, also involved in brand awareness and business development.

## Education

2004-05 -  
2018-05

### High School Diploma

National Public School, Chennai, TamilNadu

- Graduated **10th** grade with a **10 point C.G.P.A.**
- Graduated **12th** grade with an overall of **94%**.
- Awarded Value Oriented Conduct award while graduation.
- Member of The Rotary Club Of Madras East (Treasurer of my school).

2018-08 -  
Current

### Bachelor of Science: Computer Science

SSN College Of Engineering – Chennai, TamilNadu

- Currently hold a **9.0 C.G.P.A .**
- Active member of the **NSS** community.
- Member of the coding club.
- Undertaken research papers and Internally funded projects.

## Referral

### Varun Pant

IBM India,  
+91 964 345 8917,  
[varunpantv@gmail.com](mailto:varunpantv@gmail.com)  
[varupa97@in.ibm.com](mailto:varupa97@in.ibm.com)

## Skills

Team collaboration

Problem-solving

Communication Skills

Leadership

Debugging

## Workshops

Pre-Conference Workshop on  
Text Analysis and  
Information Extraction  
& Retrieval by the 3rd  
International conference on  
Computational Intelligence  
in Data Science

Explore ML by Google AI.

CNN image classifier by  
ACM.

Android Development by  
Google Flutter Developers.

Full Stack Web Application  
Development using  
JavaScript Frameworks  
offered by CODA

Machine Learning 101  
offered by ACM

International workshop on  
Big Data Analytics by SSNCE

Deep Learning vs Machine  
Learning by IEEE Computer  
Society

Stream Data Management  
and Analytics in Big Data by  
SSNCE

Insights into Deep Learning  
Techniques by SSNCE

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## Accomplishments

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- Winner of Infosys Hackathon in the year 2020 and received a cash prize of 20,000 INR.
- Runner up of the coding competition ERROR 404 conducted by SBOA.
- Currently working on a prototype glasses for the visually impaired (Funded SSNCE) which converts any text into speech and detects a lot more.
- Runner up of the Asian Space Settlement Design Competition in the year 2018 and the Indian Space Settlement Design Competition in the year 2017.
- Designed and developed a working prototype of a staircase climbing wheelchair for the physically disabled and won the CBSE regional Science Fair in the year 2017.

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## Certificates and Courses

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### Courses from **Coursera**:

- Machine Learning offered by Stanford University by Andrew Ng.
- Deep Learning Specialization offered by deeplearning.ai by Andrew Ng.
- Deep Learning with Tensorflow Specialization by deeplearning.ai by Laurence Moroney.
- Advanced Machine Learning with Tensorflow on Google Cloud Platform by Google Cloud Training.
- Data Science using R Specialization by Johns Hopkins University by Jeff Leek.
- NLP Specialization by deeplearning.ai by Younes Bensouda Mourri.
- AI in Medicine Specialization by deeplearning.ai
- Algorithms Specialization offered by Stanford University by Tim Roughgarden
- AWS Fundamentals Specialization offered by aws.

### Courses from **Internshala**:

- Machine learning offered by Analytics Vidhya.
- Data Science offered by Analytics Vidhya.
- Android App Development using Kotlin and Xml.
- Advanced Programming in Python.
- Ethical Hacking offered by Internshala Training.

### Courses from **Udemy**:

- Data Analysis and Visualization by TakenMind.
- Android app development using Flutter.
- Full Stack web development using Node, Express and MongoDB.
- Frontend web development using Vuejs.

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## Projects: <https://github.com/kshitijsharma>

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- Brain tumor auto segmentation for MRI.
- Survival estimation model.
- Estimating Treatment algorithm.
- Tweet Search algorithm.
- Positive and negative tweet sentiment detection.
- Auto correction and auto complete model.
- Handwriting Recognition.
- Multi class classifier.
- Autonomous Driving application.
- Face Recognition.
- Emojifier (adds appropriate emoji to a sentence).
- Trigger word detection.
- Developed a C++ program for my school's Student Pupil Leader election.
- BookHub mobile app for android.
- Social Media Simulation model using the concepts of graphs in advanced data structures in C.
- Python application for library management system.
- C program for a banking system.

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## Interests

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Have participated in numerous cycling marathons ranging from 40 to 80 kms.

Always looking for solutions to help our society and those in need.

Curious in finding out how things work and how they can be made more efficient.

Always looking for new concepts to learn & implement.

### Recommendation:

[https://drive.google.com/file/d/1m5K3LH4Tx088dxwnlvSX\\_W9gT9aD0ohQ/view?usp=sharing](https://drive.google.com/file/d/1m5K3LH4Tx088dxwnlvSX_W9gT9aD0ohQ/view?usp=sharing)