



# Siddhant Sinha

Roll Number : 170123048

B.Tech - Mathematics and Computing  
Indian Institute of Technology Guwahati

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Github (<https://github.com/sid573>)

## Education

Year	Degree / Certificate	Institute / Board	CGPA/Percentage
2017 - Present	B.Tech	Indian Institute of Technology, Guwahati	6.16 (Current)
2017	Senior Secondary	CBSE Board	91.6%
2015	Secondary	CBSE Board	9.8

## Experience

- **Algo8.ai** (<http://algo8.ai>) May'19 - July'19  
**Data Science Intern**
  - Hindi Sentiment Analysis : Used ULMFiT model from Fastai library, has been fine tuned on pre-trained Hindi language model (<https://tinyurl.com/y4n8evct>)
  - Real time detection and recognition of human using Computer Vision
  - Representation of analysed keyword from twitter data using Google Chart API and D3.js
  - Developed UI/UX for Company's website

## Projects

- **Machine learning and AI:**
  - **Humanoid : Raman** (<https://github.com/sid573/Raman-TheVisionBot>)
    - Developing a socially interactive humanoid which can communicate with people
    - Implemented Object detection, Face Recognition and Tracking
  - **Dat-A-vengers** (<https://github.com/sid573/Technothlon-Dat-A-vengers>)  
Game based on Housing Price Prediction (Kaggle Dataset) for students with Data Analytic knowledge but not proficient in coding
- **Web Development :**
  - **Techniche Website** (<https://techniche.org>)  
Developed website for Techniche - the Annual Techno-Management festival of IIT Guwahati
  - **PineTown : Cushyrooms** (<https://pinetown.in>)  
Real life application project to help people to find rooms at Solan(Himachal Pradesh)

## Technical Skills

- **Elementary** : C, PHP, Laravel, Flask, OpenCV, Keras, Fastai, SQL, Postgres, Octave, bash, Matlab
- **Proficient** : Django, Python, C++, Javascript, HTML, CSS, Rest API's, JQuery, AWS
- **Operating System** : Windows, Unix/Linux

## Positions of Responsibility

- **Web Operations**, Techniche, IIT Guwahati: **CoreTeam Member**, Oct 2018 – present
- **MATRIX**, Dept. of Mathematics, IIT Guwahati: **Cultural Secretary**, Oct 2018 – present

## Key Courses Taken

- **Computer Science**: Data Structure, Object-Oriented Programming(C++), Algorithms, Andrew NG Machine Learning, Operating System\*
- **Mathematics**: Linear Algebra, Discrete Mathematics, Random Processes And Probability, Financial Engineering, Modern Algebra

## Awards and Recognitions

- **Awards** :
  - 3rd in Amature Analysis Astronomy
  - 3rd in KRITI Hackathon
- **Participation** : Microsoft: Codfundo++, Hackathon: UDAM: Hack For Health, JS