



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
 - Created a model based on Natural Language Processing (NLP), has been fine tuned on pre-trained Hindi language model
 - Real time detection and recognition of human using Computer Vision
 - Real time detection of objects using Computer Vision
 - Representation of analysed keyword from twitter data using Google Chart API and D3.js
 - Worked on Company's website development

Projects

- **Machine learning and AI:**
 - **Humanoid : Raman (<https://github.com/sid573/Raman-TheVisionBot>)**
Detect and identify objects in real time using Computer Vision
 - **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 :**
 - **PineTown : Cushyrooms (<https://pinetown.in>)**
Real life application project to help people to find rooms and pgs at Solan
 - **RESCUER Codefundo++ (<https://github.com/sid573/Angry-Nerds>)**
Connect rescue team of Government and NGOs with the victim of Natural Disasters
 - **AROGYA Udgam Hack for Health (<https://github.com/sid573/UHRS>)**
Booking appointment of Doctors and aid in locating Pharmacy based on current location

Technical Skills

- **Elementary :** C, PHP, Laravel , OpenCV , Keras, Fastai, SQL, Postgres, Matlab, Octave
- **Proficient :** Django, Python, C++, Javascript, HTML, CSS, bash
- **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, Algorithms, Digital Design, Computer Organization and Architecture
- **Mathematics**, Linear Algebra, Discrete Mathematics, Random Processes And Probability, Financial Engineering, Modern Algebra

Awards and Recognitions

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