SANTOSH G

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Education

B.Tech in Computer Science and Engineering 2016 - 2020
Ramaiah University of Applied Sciences, Bengaluru, India
- Aggregate of 8.80/10 at the end of 6th Semester

High School : PUC in Computer Science 2014 - 2016
Shri Bhagawan Mahaveer Jain College, Bengaluru, India
- Secured 92.5%

Secondary School : St. Mira's High School, Bengaluru, India 2002 - 2014
- Secured 90.33% in ICSE

Experience

- **Machine Learning Intern**, June 2018 - July 2018
  Internity Foundation, Uttar Pradesh, India

Technical Skills

Languages - Java, C, C++, Python, HTML, SQL, Haskell, x86 (Assembly Language).
Software Tools/Packages - Matlab, Android, MySQL, NetBeans
Platforms - Linux and Windows

Relevant Courses

- **Computer Science**: Data Structures, Discrete Mathematics, Computer Organisation and Architecture, Design and Analysis of Algorithms, Formal Languages and Automata Theory, Software Engineering, Programming Language Principles, Simulation, Operating System
- **Mathematics**: Machine Learning (Online course in Coursera), Linear Algebra, Differential Equations.

Projects and Hackathons

All projects available on git : github.com/santoshguna001

- **Permutations and Combinations**: Built a mobile application which finds the permutations and combinations of the input string, and selectively shows meaningful words.
- **Innovate India, Texas Instrumentals(TI) 2017**: Presented a smart water billing system using the IoT tools made available by the TI only.
- **CMRIT Hacks 24Hr 2018**: Built a mobile application Teleport to encounter tourism issues and provide a good platform to search for tourist attractions, book hotels, transport, et cetera.
- **NAPEM 2018**: Presented the concept of identifying the seizures during the onset phase in medical hackathon-workshop with the insight of a paediatrician, a team including students from medical electronics.
- **Content Filtering** : Developed a machine learning model to remove abusive content in text, images and audio. The model beeps the abusive words, abusive images are blurred and abusive text removed.
- **Hackit-on 2.0, 2018** : Developed an application to solve generic problems faced in urban centres using realtime database, deeplink UPI, firebase storage.
- **Estimation of Object Dimensions using Image Processing** : Developed a model in python to estimate the real-world dimensions of an object in the image.
- **Codespace, 2019** : Built an Augmented Reality application in education domain and was one of the top 15 finalists in the national level hackathon held at VIT.

Achievements and Awards

- Received the **Best** intern award in Machine Learning, July 2018
- Bagged **First** prize for Math Quiz and Programming skills intercollegiate competition, 2016.
- LEOS-ISRO Quiz 2018: Bagged **2nd** prize on theme Light on the occasion International Day of Light.
- **Won** the InQuizitive Minds Aptitude and Quiz competition in both the college round and city round; and participated in the South India regional level, 2017
- **Won** the CMRIT Hacks, 2018 for building the mobile application - Teleport

Hobbies

Play Table Tennis, solve Sudoku, minesweeper, puzzles, reading on Quora, teaching

Strengths

Quick Learner, Teaching, Punctual, Patience, Good Team-Worker and Analytical Skills.