Datta Sainath Dwarampudi

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https://dattasainathd.github.io/

EDUCATION

New York University, New York — May 2018
Master of Science, *Computer Science*
GPA: 3.96/4.0
Courses: Data Structures & Algorithms, Machine Learning, Neural Networks, Big Data Analytics.

Jawaharlal Nehru Technological University, Hyderabad, India — May 2012 – May 2016
Bachelor of Technology, *Electronics and Communication Engineering*
GPA: 3.8/4.0

TECHNICAL SKILLS

Programming Languages : Java, C, C++, MATLAB, Python, HTML & CSS.
Database : MySQL.
Operating Systems : Windows, Mac OS X, Ubuntu.
Other Tools : Eclipse, MS Office, GIMP, Arduino, Raspberry Pi

PUBLICATIONS

Datta Sainath D., Susheel Karthik V. VIBGYOR BOX: Hybrid Password, single authentications step with text and graphical based password. *International Conference on Innovations in Computer Science and Information Technology, India.*

Datta Sainath D., Venkat Sai Vivek K. Efficiency of LiDAR Sped Gun. *Institute of Research and Journal Proceedings of 5th IACEECE-2013.*

ACADEMIC PROJECTS

2017 – Twitter Bot Detection – Machine Learning (MATLAB)
We used different algorithms to train our data: Bernoulli's Naïve Bayes, Multinomial Naïve Bayes, Logistic Regression and Sentimental analysis on tweets which lead to an accuracy of 86%
We developed our own algorithm for this project and it lead to an accuracy of 98%.
We secured *2nd position* in the Kaggle competition.

2017 – Breast Cancer Facts - Amazon Alexa Skill
Created this skill to create awareness of breast cancer. This skill can talk about various facts of breast cancer.

2016 - Intelligent Traffic Light System using Digital Image Processing Technique & IR Sensors (Python)
Used a series of Digital Image Processing techniques to analyze the traffic of a road.
Estimated amount of green light to be allotted for a way to control the traffic congestion affectively.

2015 - Optical Character Recognition - Machine Learning (MATLAB)
Using K-Nearest Neighbors Algorithm we could successfully detect the registration numbers of the cars violating traffic rules from the pictures captured.
We could successfully achieve an accuracy of 88%.

EXPERIENCE

Amazon, *Seattle, USA* — June 2017 – Sep 2017
Summer Intern (Amazon Web Services)

Electronics Corporation of India Limited*, Hyderabad, India* — Mar 2014 – Apr 2014
Summer Intern (Embedded C language)
Designed a PIC-Based IR Remote Control Moving Robot for carrying out human rescue missions by establishing a communication link between a universal infrared remote control to a PIC based.

ONLINE COURSES

The Data Scientist Toolbox, John Hopkins University, Coursera (Grade: Distinction)
Programming for Everybody(Python), University of Michigan, Coursera (Grade: Distinction)
Massively Multivariable Open Online Calculus, The Ohio State University, Coursera (Grade: Distinction)
Calculus One, The Ohio State University, Coursera (Grade: Accomplishment)