

VISHNU ASUTOSH DASU

PERSONAL DATA

EMAIL: vishnu.asutosh@learner.manipal.edu
WEBSITE: vdasu.github.io
GITHUB: [vdasu](https://github.com/vdasu)
PHONE: +919845567071

EDUCATION

MAR 2014 Class X AISSE (CBSE), **National Public School**, Bangalore
CGPA: 10/10

MAR 2016 Class XII AISSCE (CBSE), **National Public School**, Bangalore
PERCENTAGE: 94.4%

EXPECTED 2020 B.Tech Computer Science and Engineering at **Manipal Institute of Technology**,
Manipal. Currently studying in 4th semester.
CGPA: 8.65/10

SCHOLARSHIPS AND ACHIEVEMENTS

DEC 2017 Qualified for the 2017 ACM ICPC Asia Regional Contest held on 11th and 12th December, 2017

NOV 2013 Recipient of state level scholarship, *National Talent Search Examination (NTSE)* organized by NCERT. Secured state rank of 20.

FEB 2018 Successfully completed Deep Learning Specialization offered by *deeplearning.ai* on *Coursera* with 100% grade.

COMPUTER SKILLS

Basic Knowledge: WEB AUTOMATION, ANDROID DEV, PL/SQL, MASM, MARKDOWN, \LaTeX

Intermediate Knowledge: C/C++, PYTHON, JAVA, GIT, DATA ANALYSIS, LINUX OS, MACHINE LEARNING, DEEP LEARNING, IMAGE PROCESSING

ACADEMIC EXPERIENCE

FEB 2018 - Artificial Intelligence Member at PROJECT MANAS Manipal
Current *Perception division*
Worked on clustering and tracking of LIDAR point clouds for path planning. Currently working on developing a model to facilitate autonomous steering. Became familiar with Image Processing and Deep Learning techniques. Worked with ROS, OpenCV, TensorFlow, Eigen, Python and C++

AUG 2017 - Management Committee Member at IECSE, Manipal
Current
Member of the Management Committee of Manipal's official Computer Science Club. Event Head for Online Coding, sub category of *Prometheus* (IECSE's official event).

OCT 2016 - Working Committee Member at IECSE, Manipal
AUG 2017
Member of the Working Committee of Manipal's official Computer Science Club. Organizer for Man vs. Machine, sub category of *Prometheus*.

OCT 2016 - NOV 2016	Volunteer at TECHTATVA, Manipal Volunteer for <i>Cryptoss</i> , programming event in <i>TechTatva</i> , MIT Manipal's tech fest.
OCT 2017 - NOV 2017	Mentor at DEVFEST '17, Manipal Mentor at workshop organized by <i>Google Developer's Group</i> , on Introduction to Machine Learning. Taught and implemented the <i>k-Nearest Neighbours</i> algorithm.
FEB 2018 - <i>Current</i>	Mentor at BOOTCAMP MANIPAL, Manipal Mentor at BOOTCAMP MANIPAL, student initiative to help develop coding culture in Manipal. Organized 7 day on workshop on introduction to WEB AUTOMATION WITH PYTHON. Taught and implemented web browser automation using SELENIUM and PYTHON

ACADEMIC PROJECTS

MAY 2017 - <i>Current</i>	Macular Hole Detection, RESEARCH Currently working on a research project to accurately identify <i>Macular Holes</i> in <i>Fundus</i> images using Deep Learning and Image Processing techniques. <i>Technologies - Python, Numpy, OpenCV, scikit-learn</i>
JUNE 2017 - JULY 2017	POS Tagging, MUSoC Built a simple Part-of-Speech tagger for the BROWN corpus as a part of <i>Manipal University Summer of Code (MUSoC)</i> , a student driven initiative to help spread awareness about open source technologies and contribution. <i>Technologies - Python, NLTK</i>
MAR 2017	WiPay, ANGELHACK Built an Android application to serve as a marketplace for buying and selling data during <i>AngelHack Manipal</i> , 24 hour app development hackathon. <i>Technologies - Android SDK</i>
JAN 2018	CurrenSee, CODE.FUN.DO Built an Android application that counts the value of currency captured by camera using Image Processing techniques to aid the blind. <i>Technologies - Azure, Flask, OpenCV, Android SDK</i>
AUG 2017	SemEval 2010, PHILIPS HACKABOUT Word sense Induction and Disambiguation task organized by Philips India. Qualified for the second round. <i>Technologies - Python, NLTK, SPaCy, scikit-learn, gensim</i>

LANGUAGES

TELUGU: Mothertongue
 ENGLISH: Fluent
 FRENCH: Basic Knowledge

INTERESTS AND ACTIVITIES

Cultivating interest in statistics and data science. Aspire to work as a data scientist. Advocate of Open Source technologies and free software. Enjoy cycling, swimming, running and playing football.