

Y Mohana Datta

✉ Mohana.Datta@iiitb.org
📄 <https://ymdatta.github.io/>
🌐 ymdatta

Education

- 2016–2021 **Integrated Mtech(iMtech) in Computer Science**, *International Institute of Information Technology*, Bangalore (IIIT-B), *CGPA 3.42*.
- 2012–2014 **Andhra Pradesh Board Of Intermediate Education**, *Sri Chaitanya Junior Kalasala*, Hyderabad India, *Percentage – 97.4%*.
- 2011–2012 **Andhra Pradesh Board Of Secondary Education**, *Sri Gurudatta High School*, Hyderabad, India, *GPA – 9.8/10.0*.

Technical skills

Languages C, Java, Python, MySQL, Git
Frameworks Scikit-learn, openCV
OS Linux, Windows
Familiar Bash Scripting, LaTeX

Experience

- May'18–
July'18 **Research Intern**, *International Institute Of Information Technology*, Bangalore,
Prof. Dr. Dinesh Babu Jayagopi.
- Designed and Developed Bag Of Visual Words(BOV) model for Image Classification, was able to achieve accuracy to nearly 80% for 5 categories.
 - Also worked on how using Fisher Vector's improves the BOV Accuracy of the classification model.
- Code:** <https://github.com/ymdatta/BagOfVisualWords> *python, opencv, scikit-learn*

Projects

- May'17–
June'17 **XKCD-Password Generator**.
- Password Generator inspired from xkcd strip. Creates a password of various word sizes based on the frequently used words. These frequently used words are taken from the **Reddit's** comments.
- Code:** [github/xkcd_password](https://github.com/ymdatta/xkcd_password) *python*

Past Academic Achievements

- 2016 **Joint Engineering Entrance Exam(JEE)**, *Cleared both Mains and advanced levels of JEE, secured rank of 3654 in JEE-Main out of nearly 120,000 students.*
- 2016 **Telangana State Engineering, Agriculture & Medical Common Test(TS-EAMCET)**, *Ranked in Top 1% (among 125,000 candidates) and secured a rank below 1000.*