

# Saddam Hosain

## Curriculum Vitae

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### Education

- 2013–2017 **B.Sc. in Computer Science and Engineering.**  
Manarat International University(MIU),Dhaka  
CGPA 3.85 out of 4.00
- 2009–2011 **Higher Secondary Certificate.**  
Govt. Shahid Smriti College,Muktagacha , Mymensingh  
GPA 5.00 out of 5.00
- 2007–2009 **Secondary School Certificate.**  
Gabtali High School , Muktagacha , Mymensingh  
GPA 4.63 out of 5.00

### Skills & Abilities

- Programming Languages PYTHON,C, C++ , JAVA,JAVASCRIPT.
- Framework DJANGO,FLASK,BOOTSTRAP.
- Databases MYSQL,ORACLE,SQLITE.
- Libraries SCIKIT-LEARN, PANDAS, MATPLOTLIB,NUMPY, AND NLTK.
- Operating Systems LINUX, WINDOWS.
- Software PYCHARM , OPENGL , IPYTHON , SUBLIME TEXT, MICROSOFT VISIO , GIT , LATEX , VIM , GEANY , ECLIPSE.
- Others MACHINE LEARNING.

### Projects

- Jan 2017 – **Similarity Checker, WEB APPLICATION.**
- Feb 2017 Wrote Flask to compare two files(.txt) to check the duplicate content between them.This tool helps one to compare two documents to find out the plagiarized content.It could be useful when one want to check assignments of his/her students on same topic, etc.
- Host <http://saddam4.pythonanywhere.com/>
- Code <https://github.com/saddam-git/Similarity-Check/>
- Aug 2016 – **Image Filtering and Edge detection, OPENGL APPLICATION.**
- Oct 2016 Wrote OpenGL API to easily read an BMP image and convert color image to gray it also enhance the image by following the Canny edge detection method and detect edge of the image.
- Code <https://github.com/hosainn/Image-Filtering-and-Edge-Detection>

## Work Experience

Nov 2016 – **Undergraduate Researcher**, AUTOMATED ESSAY SCORRING.

Present It is the use of specialized computer programs to assign grades to essays written in an educational setting. It is a method of educational assessment and an application of natural language processing. Its objective is to classify a large set of textual entities into a small number of discrete categories, corresponding to the possible grades for example, the numbers 1 to 6. Therefore, it can be considered a problem of statistical classification. Working for enhance the accuracy by the following of Machine Learning method.

## Programming contest and Workshop

Programming contest Regular attend intra department programming contest, UVa and codeforces contest.

Workshop Programming Workshop, Organized by: Manarat International University.

## Coursework

- Artificial Intelligence
- Structured Programming
- Linear Algebra and Matrix
- Data Structure
- Microprocessor and Interfacing
- Computer Graphics
- Digital Electronics and Pulse Techniques
- Internet and web programming
- Software Engineering
- Operating Systems
- Computer Networking
- Differential Calculus Coordinates Geometry
- Object Oriented Programming
- Digital Logic Design
- Algorithms
- Data and Computer Communication
- Compiler Design
- Digital signal and image processing
- Software Development
- Database Systems
- Advanced Database System
- Assembly Language

## Languages

English, Bengali

## References

Ashraful Islam  
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