Shadman Soumik

Education

2013–2017	**B.Sc in Computer Science and Engineering**, *Department of Computer Science and Engineering, University of Dhaka*, . CGPA 3.25 (out of 4.00)
2011–2012	**HSC**, *Notre Dame College, Dhaka*, . GPA 5.00 (out of 5.00)
2009–2010	**SSC**, *St. Joseph Higher Secondary School, Dhaka*, . GPA 5.00 (out of 5.00)

Languages

C++	Moderate
Python, Java	Familiar
Javascript	Moderate
HTML, CSS	Moderate
PHP, MySQL	Familiar

Academic Projects

Fantasy PL (Unofficial)	A website where registered users can create teams by picking virtual players and get points upon their real life performances in the Barclays Premier League. *Using HTML5, CSS3, PHP, Javascript, MySQL*
Know Your Hangers	An interactive website that displays information about different types of hangers. *Using HTML5, CSS3, Javascript*

Bachelor's Thesis

Title
Dataset Characteristics Analysis Based on Frequent, Closed and Maximal Frequent Itemsets

Supervisor
Abu Ahmed Ferdaus, *Associate Professor, Department of Computer Science and Engineering, University of Dhaka*

Description
Showing the effects of average MFI lengths on the performances of 3 FP-Tree based algorithms. Depicting a correlation between a dataset's Entropy and the number of MFIs generated for a range of supports, allowing to predict the number of MFIs that can be found for low supports. Finally, showing that the lengthwise Frequent Itemset distribution curves create parabolic shapes in most real datasets. This is useful for predicting the number of long frequent itemsets from the numbers for shorter frequent itemsets.

Extra Curricular

- Participant from Bangladesh in Youth Camp for Asia's Future-2016, Republic of Korea
- Two time runner-up, Inter Department Football Tournament (South), University of Dhaka

References

Abu Ahmed Ferdaus
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