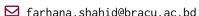
Farhana Shahid



https://farhana-shahid.github.io/

Research Interests

My research interests encompass the diverse spectra of Human-Computer Interaction, Ubiquitous Computing, and Social Computing. I have broad interests in the design, use, and social impact of technologies that create sustainable outcomes for low-resource communities.

Appointments

May 2018 - Present

■ Lecturer. Department of Computer Science and Engineering, Brac University Dhaka, Bangladesh.

Sep 2017 - Apr 2018

Lecturer. Department of Computer Science and Engineering, Eastern University Dhaka, Bangladesh.

Education

2017 - 2019

M.Sc. in Computer Science and Engineering

Bangladesh University of Engineering and Technology

Advisor: A. B. M. Alim Al Islam

GPA: 4.00 out of 4.00

2013 - 2017

B.Sc. in Computer Science and Engineering

Bangladesh University of Engineering and Technology

Advisor: A. B. M. Alim Al Islam

GPA: 3.74 out of 4.00

Research Publications

Journal Publications

Farhana Shahid, Wasifur Rahman, M. Saifur Rahman, Sharmin Akther Purabi, Ayesha Seddiqa, Moin Mostakim, Farhan Feroz, Tanjir Rashid Soron, Fahmida Hossain, Nabila Khan, Anika Binte Islam, Nipi Paul, Ehsan Hoque, and A. B. M. Alim Al Islam. 2020. Leveraging Free-Hand Sketches for Potential Screening of PTSD. To Appear In *Proceedings of the ACM on Interactive Mobile, Wearable and Ubiquitous Technologies* (IMWUT' 20). Vol. 4, No. 3, Article 94 (September 2020).

2 Farhana Shahid, Shahinul Hoque Ony, Takrim Rahman Albi, Sriram Chellappan, Aditya Vashistha, and A. B. M. Alim Al Islam. 2020. Learning from Tweets: Opportunities and Challenges to Inform Policy Making During Dengue Epidemic. In *Proceedings of the ACM on Human-Computer Interaction*. Vol. 4, Issue CSCW1, Article 65 (May 2020).

Farhana Shahid, Wasifur Rahman, Anika Binte Islam, Nipi Paul, Nabila Khan, Mohammad Saifur Rahman, Md Munirul Haque, and A. B. M. Alim Al Islam. 2019. Two Tell-tale Perspectives of PTSD: Neurobiological Abnormalities and Bayesian Regulatory Network of the Underlying Disorder in a Refugee Context. In *Proceedings of the ACM on Interactive Mobile, Wearable and Ubiquitous Technologies* (IMWUT' 19). Vol. 3, No. 3, Article 101 (September 2019). **WIMWUT Distinguished Paper Award**

Teaching Experience

Theory Course Instructor

- Computer Graphics (Summer 2020, Spring 2020, Fall 2019, Summer 2019, Spring 2018)
- Pattern Recognition (Summer 2020)
- Digital Logic Design (Spring 2020, Summer 2018)

- Programming Language I (Fall 2019, Spring 2019, Fall 2018)
- Programming Language II (Spring 2019, Fall 2018)
- Data Structures (Summer 2019)
- Operating Systems (Spring 2018, Fall 2017)
- Mathematical Analysis for Computer Science (Fall 2017)

Lab Course Instructor

- Computer Graphics (Spring 2020, Fall 2019, Fall 2018, Spring 2019, Summer 2018)
- Artificial Intelligence (Spring 2020, Fall 2019)
- Object Oriented Programming (Fall 2019, Summer 2019, Spring 2019)
- Programming Language I (Summer 2019, Spring 2019, Summer 2018)
- Algorithms (Summer 2019, Fall 2019, Summer 2018)
- Digital Logic Design (Summer 2019)
- Data Structures (Summer 2018)
- Operating Systems (Spring 2018, Fall 2017)

Course Coordinator

Theory Course Coordinator

- Pattern Recognition (Summer 2020)
- Computer Graphics (Spring 2020, Fall 2019)

Lab Course Coordinator

- Artificial Intelligence (Spring 2020, Fall 2019)
- Object Oriented Programming (Fall 2019)

Students Mentored

Undergraduate Students

- Takrim Rahman Albi
- Shahinul Hoque Ony

Academic Awards

- 2020 **Distinguished Paper Award**, IMWUT Volume 3.
- 2016 University Merit Scholarship, Bangladesh University of Engineering and Technology.
- 2015 **Dean's List Award**, Bangladesh University of Engineering and Technology.
 - First Runner Up: Poster Presentation, Esonance, Islamic University of Technology.
- 2012 Champion: Science Olympiad, Inter College Science Festival, Holy Cross College.
- 2011 First Runner Up, 4th Bangladesh Chemistry Olympiad.
 - **Secondary School Merit Scholarship**, Education Board of Dhaka.

Skills

Coding C/C++, Java, JavaScript, Python, MATLAB, R, PHP, Node.JS, React.JS, SQL, Prolog, Bash/Shell script, Assembly (8086), LTEX, CSS, HTML5.

Service

University Service

2019 AI, ML, and NLP thesis panel, Brac University.

Course curriculum update, Brac University.

2018 Semester planning, Brac University.

Organizing Committee

2015 National High School Programming Contest, BUET.

Reviewer

2020 Asian CHI Symposium.