

IFTEKHAR AHMED

SOCIAL ENTREPRENEUR | RESEARCHER



A curious social entrepreneur from Bangladesh who wants to have a positive impact on underprivileged society with his knowledge and work. He sees problems as an opportunity to solve it. He is working on 0.7 million Bangladeshi blind children's educational problems along with the Ministry of Education. His dream is to see every child growing up in a healthy environment.

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RESEARCH

Paper Title: Introducing World's Fastest Virtual keyboard for Visually Impaired and Blind Users Implemented with Swiping on Touchscreen Mobile Devices

Co-author: Iftekhar Ahmed, Omar Farrok, PhD, Abu M. Fuad

Journal: International Journal of Human-Computer Studies | Elsevier (Q1, IF: 4.87)

Status: Peer-review

Paper Title: Web-based Brief Screening Test for Identifying Twenty Common Psychological Disorders

Co-author: Iftekhar Ahmed, Omar Farrok, PhD

Journal: Health Education Research | Oxford Academic (Q2, IF: 2.221)

Status: Peer-review

Paper Title: Implementation of the AQUALUNG: A new form of Autonomous Underwater Vehicle

Co-author: Abu M. Fuad, MD, Nahidul Islam, Kazi Ramit Raihan, Mohammad Talha, Md Maruf Hossain Tasin, Iftekhar Ahmed, and Omar Farrok, PhD

Conference: 2022 IEEE OES AUV SYMPOSIUM | IEEE (19-21 Sep 2022)

Status: Conducted

WORKING EXPERIENCE

BRAILLY TECH LTD. | FOUNDER AND CEO

2016 - Present



- Developed Blind Eye App for providing thousands of audio books to blind students.
- Developed Braille Board: 60\$ pocket computer contains thousands of audio books to blind students.
- Developed world's fastest virtual keyboard for blind and visually impaired: SwingBoard.
- Code every single line of code alone from the beginning.
- Collaborated with Ministry of Education and Startup Bangladesh to expand Brailly nationwide.
- Helped 1000+ blind with our solution Blind Eye App and Braille Board.
- Launched SwingBoard free of cost for visually impaired and blind worldwide.

MINDSEE | CO-FOUNDER

2022 Jan - Present



- Developed MindSee test: psychological screening test which can recognise 20 common psychological disorder within 5 minutes.
- Tested in National Institute of Mental Health and Hospital, Bangladesh where it reported doctors 86% accurately about patients mental health condition.
- Already 700+ people knew about their psychological disorder for the first time from MindSee web application.
- Working on implementing MindSee on some clinics and hospitals what helps psychologists and psychiatrists to see more patients.

PROFESSIONAL SKILLS

- ● ● ● ● Entrepreneurial Knowledge
- ● ● ● ● Design Knowledge
- ● ● ● ● Software Development
- ● ● ● ● Leadership Capability
- ● ● ● ● Technological Knowledge
- ● ● ● ● Research Experience

EDUCATION

Ideal School and College, Motijheel

SSC | GPA 5.00 | 2016 - 2018

Birshreshtha Noor Mohammad Public College

HSC | GPA 5.00 | 2018 - 2021

HOBBY

Cycling | Watching Movie | Travelling

ACHIEVEMENTS

Singapore AUV Challenge 2022

GLOBAL SHORTLISTED - TEAM AQUALUNG

Blockchain Olympiad Bangladesh 2022

GOLD AWARD - TEAM MESSBOOK

Bangabandhu Innovation Grant 2022

10000\$ RESEARCH GRANT

MIT SOLVE Tiger Challenge 2019

BRAILLY - NATIONAL WINNER- INTERNATIONAL FINALIST

International Children's Peace Prize 2019

TOP 3 GLOBAL FINALIST - NOMINEE FROM ASIA

Glocal International Teen Conference 2019

ENTREPRENEURSHIP PANEL - SPEAKER

BUET CSE FEST 2019

BRAILLE BOARD - 3RD

BRAC University Science Exhibition 2019

BRAILLE BOARD - 2ND

Dhaka University IT Fest 2018

BRAILLE BOARD - 3RD

Apicta Award 2017

BLIND EYE APP - MERIT AWARD

BASIS National ICT Award 2017

BLIND EYE APP - 1ST

Children Science Congress 2016

BLIND EYE APP - 1ST