

Abhijit Bhowmik

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PROFESSIONAL EXPERIENCES

Associate Professor and Special Assistant (Office of Student Affairs) American International University Bangladesh (www.aiub.edu)	Dec. 2019 – present
Co-Founder and Chairman Workspace Infotech Limited (www.workspaceit.com)	Dec.2009 – present
Co-Founder and Director Workspace Infotech Australia Private Limited (www.workspaceit.com.au)	Dec.2009 – present
Professional Consultant Support IT companies / Startups to grow strong	Dec.2009– present
Senior Assistant Professor and Special Assistant (Office of Student Affairs) American International University - Bangladesh (www.aiub.edu)	Sept. 2016 – Nov. 2019
Assistant Professor and Special Assistant (Office of Student Affairs) American International University - Bangladesh (www.aiub.edu)	Sept. 2012 – Aug. 2016
Lecturer American International University Bangladesh	Sept. 2009 - Aug. 2012

OTHER EXPERIENCES

- Worked as judge in NASA Space APPS Challenge Bangladesh 2020, 2021.
- Worked as a mentor in NASA Space APPS Challenge Bangladesh 2018, 2019, 2020, 2021.
- Worked as a judge in BASIS National ICT award 2019.
- Instructor in various training programs to teach ICT, Startup, outsourcing, and cyber security.
- Organizing Member of "International Conference on Computer and Information Technology (ICCIT)" at AIUB, December 2011.
- Local Arrangement Chair for "International Conference on Computing Advancements (ICCA)" 2020 and 2022.
- Head of the organizing committee of AIUB CS FEST 2013, 2014, 2015, 2016,2017,2018.
- Head of the organizing committee of AIUB Cyber Gaming Fest 2016, 2017, 2018.
- Organized campus recruitment and career development programs, and Job fairs for students of AIUB.
- Organized many workshops and seminars at AIUB for students to make them familiar with contemporary technologies.
- Acted as a public speaker in different public events.
- Instructor for Master of Public Health (MPH) and Bangladesh Police to train computer and internet usage.
- Mentoring and advising different clubs for their national and international activities.
- Volunteering in different national and international competitions as advisor, mentor, judge.
- Helping underprivileged people and supporting society during a natural disaster.
- Raising funds to support different organizations who work for the underprivileged community of the society.

EDUCATION

Ph.D. in Computer Science Ongoing Universiti Malaysia Pahang (UMP), Malaysia	March 2020 – (Ongoing)
Master of Science in Computer Science CGPA 4.00 (out of 4.00) American International University Bangladesh (AIUB)	September 2010 - December 2011
Bachelor of Science in Computer Science and Engineering CGPA 3.81 (out of 4.00) American International University Bangladesh (AIUB)	May 2005 - May 2009

PROFESSIONAL MEMBERSHIP

- Member of the Institution of Engineers, Bangladesh (IEB).
- Member of the Bangladesh Association of Software and Information Services (BASIS).
- Lifetime Member of Bangladesh Computer Council (BCC).
- Member of Association for Computing Machinery (ACM).

PROFESSIONAL ENGAGEMENT

Co-Chairman, Standing Committee on Local Market Bangladesh Association of Software and Information Services (BASIS)	Jan. 2022 – present
Member, Standing Committee on Member Services and Welfare Bangladesh Association of Software and Information Services (BASIS)	Jan. 2022 – present
Member, Standing Committee on Member Services and Welfare Bangladesh Association of Software and Information Services (BASIS)	Jan. 2018 – Dec. 2021

RESEARCH PUBLICATIONS (JOURNAL, CONFERENCE PAPERS & BOOK CHAPTERS)

1. M S Rahman, M S Rahaman, A R Islam and A Bhowmik, "Buffer Efficient Fast Broadcasting Scheme" International Journal of Computer Science and Telecommunications, vol 2, Issue 5, pp. 47-51, August 2011.
2. A Bhowmik and M S Rahaman, "PBCT: A Modified Polyharmonic Broadcasting Scheme with Seamless Channel Transition" 9th International Forum on Strategic Technology (IFOST), pp. 174-177, 2014.
3. D Karmaker, M R Islam, H Rahman, A Bhowmik and M N Imteaj, "A Heuristic Approach to Course Scheduling Problem" Accepted for the Proceedings of "The Second IEEE International Conference on Education Technologies and Computers (ICETC), 2015"
4. D Karmaker, M S U Miah, M A Imran, H Rahman and A Bhowmik, "Simple Approach to Traffic Update System" International Journal of Computer Applications, Foundation of Computer Science (IJCIA), vol 118, no. 5, pp. 88-11, 2015.
5. M A Imran, M S U Miah, H Rahman, A Bhowmik and D Karmaker, "Face Recognition using Eigenfaces", International Journal of Computer Applications, Foundation of Computer Science (IJCIA), vol 118, no. 5, pp. 12-16, 2015.
6. M Islam, D Karmaker, M A Imran, M S U Miah and A Bhowmik, "Determining The Best Agile SDLC for Bangladesh's Software Industry", Asian Transactions on Computers, vol. 5, no. 2, pp. 8-11, 2015.
7. A Bhowmik, N A Nabila, M A Imran, M A U Rahman and D Karmaker, "An Extended Research on the Blood Donor Community as a Mobile Application", International Journal of Wireless and Microwave Technologies. vol 5, no. 6, pp. 26-34, 2015.
8. AZM Ehtesham Chowdhury, Abhijit Bhowmik, Hasibul Hasan, Md Shamsur Rahim, "Analysis of the Veracities of Industry Used Software Development Life Cycle Methodologies", AIUB Journal of Science and Engineering. vol 16, Issue 2, 2017.
9. Abhijit Bhowmik, AZM Ehtesham Chowdhury, "Analysis Genre of Bangla Music: A Machine Classification Learning Approach", AIUB Journal of Science and Engineering. vol 18, Issue 2, 2019.
10. Md Saef Ullah Miah, Abhijit Bhowmik, Rifat Tasnim Anannya, "Location, Context and Device aware Framework (LCDF): A unified Framework for Mobile Data Management", AIUB International Conference on Computing Advancements (ICCA 2020) Article No.: 39 Pages 1–5.
11. Meherin Mizan Maha, Md Masuduzzaman, Abhijit Bhowmik, "An Effective Modification of Play Fair Cipher with Performance Analysis using 6X6 Matrix", AIUB International Conference on Computing Advancements (ICCA 2020) Article No.: 55 Pages 1–6.
12. Abhijit Bhowmik, Md Saef Ullah Miah, Mohaimen-Bin-Noor, "IoT (Internet of Things) - Based Smart Garbage Management System: A Proposal for Major Cities of Bangladesh", AIUB Journal of Science and Engineering. vol 19, Issue 1, 2020.
13. Mohammad Faisal Bin Ahmed, M. Saef Ullah Miah, Abhijit Bhowmik, Juniada Binti Sulaiman, "Awareness to Deep fake: A Resistance Mechanism to Deepfake", 2021 International Congress of Advanced Technology and Engineering, Paper No.: 79, Pages 327-331.
14. Md. Mortuza Ahmed, M. Mostafizur Rahman, Abhijit Bhowmik, Ayesha Siddiqua "Impact of COVID-19 on Academic and Psychological aspects of Undergraduate Students in Bangladesh: A Case Study", AIUB Journal of Science and Engineering. vol 20, Issue 3, 2021
15. Abhijit Bhowmik, S M Raihan Gafur, Abrar Rafid, Saiful Azad, Mufti Mahmud, M Shamim Kaiser, "User Awareness for Securing Social Networks", Securing Social Networks in Cyberspace, CRC press, ISBN: 9781000463323, 2021.

AWARD

- Chairperson of the year 2021, Bangladesh by CEO Monthly Magazine.
- Summa Cum Laude award for academic performance in Master degree.
- Vice Chancellor award for Best Thesis in Master degree.
- Vice Chancellor award for Best Thesis in Bachelor degree.

ONGOING RESEARCH WORKS

1. Classified Agile Methodology for Software Engineers.
2. Model of fraud review based rating detection for Cyber Physical Production using Deep LearningTechnique.
3. Efficient Project Management techniques in the Bangladesh IT industry.
4. Future Market potential in the ICT industry of Bangladesh.
5. Client Based Requirement elicitation to reduce change management effort.

SKILLS AND INTERESTS

Software Engineering, Software QA and Testing, Requirement Engineering, System Analysis, Consultancy, Project Management, Organizational Leadership & People Management, Startup, eLearning

REFERENCES

Mashiour Rahman

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Achintya K. Bhowmik, Ph.D.

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