

MD KHALID HOSSEN

Curriculum Vitae

Mobile: +8801715292307
Email: kt.hossen27@yahoo.com,
Skype: Kt.hossen@outlook.com
Nationality: Bangladeshi

Profile

An enthusiastic, adaptive and fast-learning person with having knowledge in Big data, Machine learning, Internet of things Embedded system, network security, Data mining, wireless communication seek a prospective supervisor to complete PhD degree.

Education

- 09/2016–06/2018 Masters in Computer Science & Engineering , University of Electronic Science & Technology of China (UESTC), China
CGPA 3.54 in scale 4 (82 % mark)
Thesis: Statistical Analysis Of Extracted Data By Using Web Crawler
Supervisor: Professor Yong Wang, UESTC
- 2009–2014 **B.Sc in Electronics & Communication Engineering from University of Khulna**
Khulna, Bangladesh, CGPA 2.94 in scale 4.(59% mark)
Thesis: The Performance Analysis by Using Clipping, Peak Windowing and Selective Level Mapping to Reduce PAPR in OFDM Systems
Advisor: Md. Younus Ali, Associate Professor, Khulna University
- 2006–2008 Khulna Public College, Khulna, GPA 4.50 in 5 scale in Science group
- 1996-2006 Kumira High School, Satkhira, GPA 4.63 in 5 Scale in Science Group

Research Experiences

- 01/2017-06/2018 Big Data Lab(B1-302), University of Electronic Science & Technology of China
- 12/2012-11/2013 Research Assistant, in Khulna University

Teaching Experiences

- 01/2015-06/2016 Lecturer, Computer Science Discipline, Daffodil institute of IT, Dhaka.

Professional Experience

- June 2014 Engineer in Eminence Communication LTd, Bangladesh
- Dec 2014 BTS installation, Link Connection of Microwave antenna, Cable connection of BTS, Cell edition of BTS ETC, GSM connection & measurement, Antenna establishment ,RF measurement etc
- Summer 2011 **Intern, Bangladesh Telecommunications LTD**

Publication

- 2017 Md Shahriar Uzzal, **Md Khalid Hossen** and Abid Ahmad. The title of the paper is “Crosstalk Noise Modeling analysis for RC Interconnectin Deep Sub-Micron VLSI Circuit”. Communications on Applied Electronics 7(4):33-38, July 2017. Online available at <http://www.caeaccess.org/archives/volume7/number4/751-2017652647>
- 2017 *Md. Bellal Hossain¹, Abdullah Al-Mamun Bulbul¹, Etu Podder¹ and **Md. Khalid Hossen^{1,2}***, The title of the paper is “Optical Parameters Analysis of Photonic Crystal Fiber with Rectangular Lattice Geometry”, *Journal of Scientific Research & Reports* 17(3): 1-8, 2017; Article no.JSRR.38510 ISSN: 2320-0227
- 2014 **Md. Khalid Hossen¹**, Muhammad Enayetur Rahman², Muhammad Nurul Absar Siddiky³. The title of the paper is “The Performance Analysis of Different Modulation Techniques over Mobile Fading Channels for MRC Diversity”. International Journal of Computer Applications is published in **IJCA February 2015 Edition**. Online available at <http://www.ijcaonline.org/archives/volume112/number13/19724-1354>
- 2014 **Md. Khalid Hossen¹**, J.M. Abu Raihan², Rajendra Nath Sarkar³, Md. Shahriar uzzal⁴. The title of paper is “The Performance analysis of an OFDM signal in PAPR by using Signal Clipping”. International Journal of Scientific & Engineering Research, Volume 6, Issue 1, January-2015, Online available at <https://www.ijser.org/onlineResearchPaperViewer.aspx?The-Performance-analysis-of-a-OFDM-signal-in-PAPR.pdf>

Conference (3)

- 2018 Apurba Adhikary¹, **Md Khalid Hossen²**, Rabita Hasan³, Chandra Shekhar Kundu⁴, Md Shahriar Uzzal⁵. the title of the paper is “Analysis of the Performance of Minimum Energy Channel Codes for the Nanoscale Wireless Communications”. which is received for publication in International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing (EECCMC-2018), Paper Code: 01-2018-1529, IEEE conference record number # 43456, IEEE Madras section, Tamil Nadu, India
- 2018 Md. Bellal Hossain, Md. Khalid Hossen³, the title of the paper is Hexagonal Photonic Crystal Fiber with Small Effective Area and Zero Waveguide Dispersion in published *International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing (EECCMC-2018) IEEE Madras section, Tamil Nadu, India*
- 2018 **Md Khalid Hossen¹**, Yong Wang². The title of the paper is, “Statistical Analysis of Extracted Data from video site By Using Web Crawler”, The International Conference on Computing and Artificial Intelligence, ICCAI-2018 in Chengdu, January China, 2018 <https://dl.acm.org/citation.cfm?doid=3194452.3194466>

Awards

1. Joining a Sustainable Energy workshop in Taiwan
2. Got University full scholarship for studying MSC in UESTC in China in 2016
3. Excellent Performance Award from UESTC in China, 2017
4. Academic excellences in High school for 2nd position
5. Best debate award in college competition
6. Teaching certificate from UESTC.

Projects

- 1.The hospital management project by using PHP and Mysql UESTC
- 2.University Result System as a software project by using(C,C++)
- 3.Embedded system for synchronization by microcontroller
- 4.Particle Picker Robot by C, Intel Dual Core Processor, Gear Motor,
- 5.A Project on “TV Receiver
- 6.Design and Implementation of Synchronising Clock Circuit
7. Design and Implementation of FM and AM Modulator and Demodulator
8. Design and Implementation of Sample and Hold Circuit
9. Design and Implementation of Touch Control Alarm
10. Design and Implementation of Yagi-Uda Antenna
11. A Project on “Automatic Garage Control”

Computer skills

Operating system : Linux(Ubuntu),Mac OS X,Microsoft windows
Mobile Programming : Android programming
Programming Language: C/C++, Python, MATLAB, Java
Web Programming : HTML, PHP, J2EE, JavaScript
IDE : Microsoft visual studio, Gephi
Typing: Microsoft power point, Microsoft Excel

Courses taken

Masters Software Development Technology, Network Security, Cryptography algorithm, Computer Graphics, Data mining, Numerical algebra, Multimedia technology. Android Application Programming, Cloud Computing, Embedded System, Mobile Computing

Undergraduate (Main Courses)

Electrical Circuits, Basic Bipolar & Unipolar Devices & Circuits, Electrical Technology , Solid State Devices, Electronic Amplifiers, Oscillators & PS circuits, Switching & Finite Automata Theory, Op Amp& IC Technology, Digital Electronics & Pulse Techniques, Measurements & Electronic Instrumentation Computer Programming(C,C++,Java), Data Structures & Algorithms ,Microprocessors
Analog Communication, Science of Materials, Television Engineering,Digital Communication, Electromagnetic Fields and Waves,Computer Network, Stochastic Theory of Communication,, VLSI Technology, Digital Signal Processing, Radar and Satellite Communication, Opto-electronic Device

Languages

Bengali Mother Tongue , English: Fluent, Urdu Moderate

Permanent Address

Md Khalid Hossen, Father Name-Md Shafiquil Islam, Mother Name- Monowara Khatun, Village-Lalchandrapur,Post-Patkelghata, District-Satkhira, Bangladesh

References

1. **Professor Dr. Yong Wang**
University of Electronic Science & Technology in China
Email: cla@uestc.edu.cn

2. **Dr. Md. Maniruzzaman**
Professor, Khulna University,
Khulna,Bangladesh
Email: m_m_zaman@hotmail.com