

Md. Nadim Ferdous Hoque

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Home Address: Apartment # A-2, House # 101, Road # 2, Block - A, Niketan, Gulshan-1, Dhaka, Bangladesh.

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OBJECTIVE:	My career objective is to pursue higher study from a reputed university as a step to the goal of being an academic or industrial researcher.		
EDUCATION:	<u>B.Sc. in Electrical and Electronic Engineering(EEE)</u> Dept. of Electrical and Electronic Engineering(EEE) Bangladesh University of Engineering and Technology. CGPA: 3.79 /4.00 <u>Higher Secondary Certificate(H.S.C.)</u> Govt. Azizul Haque College, Bogra. GPA: 5.00 /5.00 <u>Secondary School Certificate(S.S.C.)</u> Bogra Zilla School, Bogra. GPA: 5.00 /5.00	February, 2011	2005
RESEARCH INTERESTS:	❖ Wireless technology and advanced communication beyond 3G. ❖ Biomedical electronics with low cost devices.		
PUBLICATIONS:	M. N. F. Hoque , H. Ahmad, A. K. Reza, S. M. Mominuzzaman and A.B.M. H. Rashid, <i>Design Optimization of High Frequency Op Amp Using 32 nm CNFET</i> , International Conference on Electrical and Computer Engineering (ICECE), Dhaka, December 2010.		
JOB EXPERIENCE	Samsung Bangladesh R&D Center Ltd. (March, 2011 - Present) Research Engineer for Mobile Development for GSM Platform.		
INTERNATIONAL & NATIONAL ACCOLADE:	Finalist of IEEE Presidents' Change the World Competition 2010 Placed within 15 international finalists with the project entitled, "Low cost Neonatal Incubator : An optimum solution for premature newborn babies in third world countries" Champion of quiz competition in 2nd Bangladesh Mathematical Olympiad Placed as champion in the National Mathematical Olympiad of Bangladesh in the event of mathematics quiz competition.		
ACADEMIC HONORS:	❖ Dean's List Award: For securing CGPA of at least 3.75 in Level-1 and 2. ❖ University Stipend: For being within top 26/130 in 4 terms. ❖ Admission Test Excellency Scholarship: For having placed 49th position in BUET Admission Test (out of 6000 top students in Bangladesh). ❖ Award for Academic Excellence: Conferred by Ahsan-Ullah Hall, BUET for maintaining good CGPA. ❖ Rajshahi Education Board Scholarship: For excellent result in the H.S.C. examination. ❖ Rajshahi Education Board Scholarship: For excellent result in the S.S.C. examination. ❖ Junior Scholarship in Talent pool: For securing 3rd place in Rajshahi board in Scholarship Examination of class 8. ❖ Bogra Association Scholarship: For being meritorious student of Bogra district.		
Professional Affiliations:	❖ Institute of Electrical and Electrical Engineers (IEEE) ❖ IEEE Electron Device Society (EDS) ❖ IEEE Nanotechnology Council		

LEADERSHIP EXPERIENCES:	❖ Chairperson, IEEE BUET Student Branch, 2009-10 Organized IEEE Extreme Programming contest. Organized various industrial tours. Organized IEEE Annual Certificate Awarding Dinner. New membership drive program. ❖ President, Bogra Association of BUET Students (BABS) Organized various programs annually Organized annual picnic
SYNERGIC ACTIVITIES:	❖ Organizer of EEE Undergraduate Project Workshop (EUProW) 2009. ❖ Donor of blood donating organization “BADHON”. ❖ Written several articles in national English newspapers. ❖ Reviewer of Bangladesh Mathematical Olympiad.
PROJECTS:	❖ Design and Implementation of a Phonocardiogram (PCG) machine to observe heart rate and tracking heart disorder. ❖ Design and Implementation of an automated sliding door. ❖ Design of Electrical Services Design for a multistoried building. ❖ Design of CCTV system for a multistoried shopping mall. ❖ Design and Implementation of a 4 bit ALU. ❖ Design and Implementation of a Hartley Oscillator using BJT. ❖ Detailed report on Power Crisis in Bangladesh :Problems and Solutions ❖ Design of a Low cost Neonatal Incubator for IEEE Presidents' Change the World Competition 2010
COMPUTER SKILLS:	❖ Operating System: Windows, Linux. ❖ Utility: MS Office, LaTeX, Origin. ❖ Programming Languages: C/C++, Verilog, Assembly Language. ❖ Engineering Software: MATLAB, Cadence Tools, Orcad PSpice, Proteus, NI Labview, Microwind, Quartus, MS Visio, AutoCAD.
INDUSTRIAL TRAINING & WORKSHOPS:	❖ Poly Cable Industries Ltd., Munshiganj, Bangladesh. Overview on production, testing and quality control of different cables. ❖ Energypac Engineering Ltd., Savar, Dhaka, Bangladesh. Overview on production, testing and quality control of various power and testing transformers.
PERTINENT COURSE WORK:	• Telecommunication Engineering • Continuous Signals & Linear Systems • Digital Signal Processing (DSP) • Microwave engineering • Solid State Devices • Optoelectronics • Compound Semiconductor and Hetero-Junction Devices • VLSI II • Analog Integrated Circuit • Processing and Fabrication Technology • Biomedical Instrumentation
REFEREES:	❖ Dr. Sharif Mohammad Mominuzzaman, Professor, Dept. of EEE, BUET. Email: momin@eee.buet.ac.bd ❖ Dr. A. B. M. Harun-Ur-Rashid, Professor, Dept. of EEE, BUET. Email: abmhrashid@eee.buet.ac.bd