

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:	<p><u>B.Sc. in Electrical and Electronic Engineering(EEE)</u> February, 2011 Dept. of Electrical and Electronic Engineering(EEE) Bangladesh University of Engineering and Technology. CGPA: 3.79/4.00</p> <p><u>Higher Secondary Certificate(H.S.C.)</u> 2005 Govt. Azizul Haque College, Bogra. GPA: 5.00/5.00</p> <p><u>Secondary School Certificate(S.S.C.)</u> 2003 Bogra Zilla School, Bogra. GPA: 5.00/5.00</p>
RESEARCH INTERESTS:	<ul style="list-style-type: none">❖ 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:	<p>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"</p> <p>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.</p>
ACADEMIC HONORS:	<ul style="list-style-type: none">❖ 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:	<ul style="list-style-type: none">❖ Institute of Electrical and Electrical Engineers (IEEE)❖ IEEE Electron Device Society (EDS)❖ IEEE Nanotechnology Council

LEADERSHIP EXPERIENCES:	<ul style="list-style-type: none"> ❖ 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:	<ul style="list-style-type: none"> ❖ 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:	<ul style="list-style-type: none"> ❖ 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:	<ul style="list-style-type: none"> ❖ 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:	<ul style="list-style-type: none"> ❖ 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:	<ul style="list-style-type: none"> • 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:	<ul style="list-style-type: none"> ❖ 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