Debadutta Mohajan

90-10 214th Street
Queens village, NY 11428

Education:

Master in Engineering (Electrical Engineering), The City College of New York, CCNY **2012**
CGPA 3.77 (Out of 4.00)

Bachelor Science of Engineering in Electrical Engineering **2008**
Chittagong University of Engineering and Technology, Bangladesh, CGPA 3.79 (Out of 4.00)

Licensure: CCNET and CCNA (Cisco Certified Network Associate), February, 2013
PE part A (Fundamental of Engineering, NY), April 2011, NY.

Relevant Courses: Local Area Network, Fiber Optic, Optical Mesh, Computer Protocol, High Speed Network, Wireless Communication, and IP Routing

Thesis Work: (1) Design of 7 Node Network and evaluation study of queuing delay, Throughput, Control Flow, End To End delay by using OPNET. (2) Tutorial study on LTE. (3) Scalable high speed IP routing. (4) Optical access and scheduling scheme of PON(Passive Optical Network).

Signal Maintanee Trainee, MTA (Metropolitan Transit Authority, NY) 10/11-09/12

- Assisting signal maintainer while performing maintenance, repairs and installation of switch, signal and relays and also fixing problem in electromechanically driven device (derailed switch, Railed switch, Capacitor driven and induction motor driven stop arm)
- Performing flagging to protect signal maintainer during maintenance of signal equipment on track.

IT Assistant (Volunteer), Spitzer School of Architecture (SSA), CCNY 04/11-09/11

- Maintaining the servers of the Architecture department.
- Give full support to the CADLABs and the faculty computers, printers and plotters.
- Maintaining the Domain Controller to serve the students and faculty with their user accounts
- Maintaining the Print Accounts with Print Manager Plus to serve students and faculty with their printing and deal with any claim due to hardware/server problem

JUNIOR ENGINEER (BSS) TM International (BD) Limited [Aktel], Bangladesh 07/09-02/10

- Configuration, Installation & integration of Transcoder (17 number of signaling link between Base station transceiver and Base station controller) & integration of BSC (Base station controller) equipment encoder and decoder.
- A ter (link between Base station and Transcoder) highway configuration on Base station controller.
- Planned configuration to achieve the optimal use of Abis interface (Link between transceiver and base station).
- Re homing of Base station transceiver to Base station controller to attain optimal use MSISDN.
- Monitoring alarm and find remedy of them.
- Operation and maintenance of Alcatel BSC equipment such as Transcoder, ASMB, BIUA, TCUC and switch.

Lecturer, Department of Electrical & Electronic Engineering 02/08-07/08
Chittagong University of Engineering and Technology, Bangladesh

- Teaching of undergraduate students in different Electrical & Electronic engineering courses (Electrical power engineering, Power system, Digital Logic Design, DSP, Signal and Systems).

Professional Development

Programming Languages: C.
Software Applications: Microsoft Word, Excel, AutoCAD, MATLAB, OPNET (Routing and Signaling simulation software).