

CURRICULUM VITAE OF TARIM ISLAM

19TH JANUARY 1992

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Career Objective

To share the knowledge gained through academic studies and working experience with others. To work in an environment of intellectual excellence where there is opportunity to show competence and there is scope of evaluation based on that competence. I want to use my interpersonal and communicative skills to pursue a dignified career where there is better opportunity to work for more people.

Key Skill: C, Python, Matlab, Machine Learning, IOT, UML, SDN, Auto CAD, PLC, Microsoft Word, Excel

Academic Background

Exam Title	Concentration/Major	Institute	Pass Year
Master of Engineering	System & Computer Engineering	Carleton University	2020
Bachelor of Science	Electrical & Electronics Engineering	American International University Bangladesh	2014

Employment Details

Pizza Hut

1st October 2018 to current

Designation: Team Member

- Greeting and Serving Customers
- Handling Staff Concerns
- Handling Kitchen.
- Determining Customer Needs
- Other duties as assigned by manager

Efficient Engineering

1st March 2017 to 31st May 2018

(Hexing-BPDB Pre-Paid Meter Installation Project Chittagong Phase-2)

Designation: Assistant Project Manager

- Planning, installing & servicing single & three phase pre-paid meter
- Site supervision
- Service cable installation & management
- Co-ordinate team to achieve goals on time
- Maintain communication between Hexing & BPDB
- Prepare & establishing long & short-term planning
- Maintain & organizing meter data in FDM & BPDB server
- Meter storage management

Dream Weaver

1st November 2014 to 30th November 2016

Designation: IT officer

- Installing and configuring computer hardware operating systems and applications
- Monitoring and maintaining computer systems and networks
- Troubleshooting system and network problems and diagnosing and solving hardware or software faults.
- Responding in a timely manner to service issues and requests

Project Work

Title	Course	Tool	Expected Outcome
Context-Aware Congestion Control Mechanism in Secure CoAP over Various IoT Applications	Advance Topic in Computer Communication (SYSC 5801)	Contiki, Cooja, C,	Congestion control technique for different IOT application and protection mechanism
IOT-Based Smart and Secured Health Management System	Model Driven Real time & Distributed Software (SYSC 5708)	UML, COMMET	Efficient & Secure Health Management System using COMMET Technology
Alternate Bit Protocol (ABP)	Advance Topic in Software Engineering (SYSC 5709)	C, Github, Doxygen, ABP Simulator	Applying C code convention and implementation for ABP simulator in Git hub*
DDoS Detection and Mitigation in SDN-WISE IoT Network by Using Various Machine Learning Techniques	System Project (SYSC 5900) (Master Project)	SDN (Software Defined Network), Cooja, Machine Learning, Python, C, COAP, IOT, SDNWISE	Using different machine learning technique to detect DDOS attack and source of the attack in SDN WISE IOT network and mitigation process.
Optimization of Electrical Power Consumption for the Domestic Consumers using Cutting-age Technologies	Undergraduate Thesis	Matlab, Homer Energy	Load Balance, Power optimization, Efficient usage of domestic utility, result comparison between current and proposed power consumption system

*Github project link: <https://github.com/navid-hossain/AlternateBitProtocolSimulator.git>

Professional Development

PLC troubleshooting & Maintenance, Auto-CAD, Electrical Building Safety Code, Microsoft Word, Excel, C language Python.

Training

Training Title	Institute	Country	Location	Year	Duration
PLC (programmable Logic Controller), maintenance and trouble shooting	Engineering Staff College	Bangladesh	Dhaka	2012	7 weeks
Electrical safety for buildings and industries	Engineering Staff College	Bangladesh	Dhaka	2013	2 days

Professional Certification

Exam Title: IT Engineers Examination
Institute: Bangladesh Computer Council
More INFO: <http://itpec.org/about/itpec.html>

Certification: Level 1 Passport Exam
Date: April 24, 2016

Programming Skill

C, Python, MATLAB

Language Proficiency

Bengali, English, Hindi

Extra-Curricular Activities

1. Keyboardist AIUB Performance Club
2. Participated in Social Business Youth Summit in 2014 as a delegate to gather knowledge and experience about Social business.

Membership

- Engineering Student Association of Bangladesh (ESAB) ID: 0903-0061
- Institute of Engineers (IEB). AM: 16033

Personal Traits

- Capable of working in teams as well as leading teams.
- Able to convince and motivate people and get things done.
- Capable of working on pressure and stress.
- Clear communicator, both oral and written.

Reference

Prof. Dr. Mohammad Abdul Mannan

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Certification

Certification:

“I certify that all the information in this resume is true and complete to the best of my knowledge. I authorize organization to verify the information provided in this resume.”

Tarim Islam

Date: 10.09.2019