



# Navid Fazle Rabbi

Cell Phone: 01706319096; Website: [www.navidnaf.com](http://www.navidnaf.com)

E-Mail: [navidfazlerabbi@iut-dhaka.edu](mailto:navidfazlerabbi@iut-dhaka.edu)

GitHub: [github.com/NavidNaf](https://github.com/NavidNaf)

LinkedIn: [linkedin.com/in/navid-fazle-rabbi-20a141b1](https://www.linkedin.com/in/navid-fazle-rabbi-20a141b1)

I have a clear, logical mind with a sensible strategy to problem-solving and a drive to see things through to completion. I am eager to learn, I get pleasure from overcoming challenges. I am a fresh graduate from an engineering background, working tirelessly to expand my horizon.

## Education Background

### **B. Sc. Engg**

Electrical and Electronic Engineering

Islamic University of Technology

**C. G. P. A. 3.10**

### **Higher Secondary School Certificate**

Notre Dame College, Dhaka

**G. P. A. 5.00**

### **Secondary School Certificate**

St. Joseph Higher Secondary School

**G. P. A. 5.00**

## Research Interest

- Cryptography
- Cyber Security
- System Security
- Machine Learning
- Petri Nets
- Computer Networks
- Mathematics
- Control Systems
- Embedded Systems

## Skills

<b>Programming Language</b>	C, Python, JavaScript, Assembly Language, Bash Scripting(Linux), MATLAB, SQL, HTML(Mark-Up Language), CSS (Style Sheet)
<b>Database</b>	MySQL, SQLite
<b>Frameworks</b>	<b>JavaScript</b> – VanillaJS; <b>CSS</b> – SASS, Bootstrap, Materialize
<b>Software</b>	C IDEs, Python IDEs, Browser Consoles, Adobe Illustrator/Photoshop/After Effects/Premiere Pro/Lightroom
<b>Operating System</b>	Windows, Linux Distros

## Undergraduate Thesis

Design and Implementation of Server Based Position and Angle Measurement and Control of DC Motor

## Undergraduate Projects

- LAN based Security Camera (4<sup>th</sup> Semester Project)
- Design of Butterworth and Chebyshev Filter using MATLAB and Hardware Implementation. (8<sup>th</sup> Semester Project)
- Speech Recognition using MATLAB (7<sup>th</sup> Semester Project)
- Power Generation using Rotating Energy (6<sup>th</sup> Semester Project)
- Design and Hardware implementation of Calculator using Basic Logic Circuits (2<sup>nd</sup> Semester Project)

## Personal Projects

- **Python Project** – Web scraping to get particular information from different websites.
- **Python Project** – Web Crawling
- **Web Application, Network** – Home Server to share media among devices. (*Currently Working*)
- **Web Application, Deep Learning, Network** – Face Detecting Surveillance System (*Currently Working*)
- **Web Application** - Web based lottery system with random number generator and single use server blockage.
- **Hardware** - Electronic Buzzer System.

- **Web Application, Deep Learning** - Smart Recruitment Portal having different recruitment tests, Video I/O and AI smart bot. (*Currently Working*)

### Scholarships and Academic Awards

<b>2016</b>	<b>OIC Scholarship</b> Rank: 70 (IUT Admission Test)
<b>2009</b>	<b>Distinction</b> Computer Skills, Science <b>International Assessment for International Schools</b> <b>University of New South Wales, Australia</b>
	<b>Credit</b> Mathematics <b>International Assessment for International Schools</b> <b>University of New South Wales, Australia</b>

### Industrial Attachments

<b>Ghorashal Thermal Power Plant (GTPP)</b>	Maintenance of gas turbine generators, cooling subsystem, safety system, role of Transformers at the generation side.
<b>Bangladesh Telecommunication Company Limited (BTCL)</b>	Different switching equipment, satellite communication, submarine cable network etc.
<b>Bangladesh Atomic Energy Commission (Nuclear &amp; Electronics)</b>	Nuclear research reactor TRIGA-different components and some use of this reactor.

### Professional & Extra-Curricular Experience

- **Blue River Financial Services, Accredited By AMP Financial Planning Pty Limited**
  - Web Developer
- **IEEE IUT Student Branch**
  - Chair (January 2019 – December 2019)
  - Lead Technical Officer (January 2018 – December 2018)
  - Webmaster (January 2017 – December 2017)
- **IUT Career & Business Society**
  - President (December 2018 – December 2019)
  - General Secretary (December 2017 – December 2018)
  - Creative Director (May 2017 – December 2017)
- **Esonance (Annual Departmental Electrical Fest)**
  - President (January 2019 – October 2019)
  - Graphic Designer (March 2016 – October 2019)
  - Web Developer (January 2017 – December 2018)

### Reference

**Prof. Dr. Anayet Ullah Patwari**  
Department Head,  
Business & Technology Management (BTM),  
Islamic University of Technology  
E-Mail: apatwari@iut-dhaka.edu

**Dr. Golam Sarowar**  
Associate Professor,  
Electrical & Electronic Engineering (EEE),  
Islamic University of Technology  
E-Mail: asim@iut-dhaka.edu