

Navid Fazle Rabbi

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GitHub: github.com/NavidNaf

Researchgate: researchgate.net/profile/Navid_Naf

Google Scholar: scholar.google.com/citations?user=IXVHZgEAAAAJ&hl=en&oi=ao

LinkedIn: linkedin.com/in/navidnaf

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

Programming Language	C, Python, JavaScript, Assembly Language, Bash Scripting(Linux), MATLAB, SQL, HTML(Mark-Up Language), CSS (Style Sheet)
Database	MySQL, SQLite
Frameworks	<i>JavaScript</i> – VanillaJS; <i>CSS</i> – SASS, Bootstrap, Materialize
Software	C IDEs, Python IDEs, Browser Consoles, Adobe Illustrator/Photoshop/After Effects/Premiere Pro/Lightroom
Operating System	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 (4th Semester Project)
- Design of Butterworth and Chebyshev Filter using MATLAB and Hardware Implementation. (8th Semester Project)
- Speech Recognition using MATLAB (7th Semester Project)
- Power Generation using Rotating Energy (6th Semester Project)
- Design and Hardware implementation of Calculator using Basic Logic Circuits (2nd 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

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

Industrial Attachments

Ghorashal Thermal Power Plant (GTPP)	Maintenance of gas turbine generators, cooling subsystem, safety system, role of Transformers at the generation side.
Bangladesh Telecommunication Company Limited (BTCL)	Different switching equipment, satellite communication, submarine cable network etc.
Bangladesh Atomic Energy Commission (Nuclear & Electronics)	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

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Electrical & Electronic Engineering (EEE),
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