

## Md. Nahidul Alam

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## Carrer Objective

Organized, Hardworking and Energetic. Wishing to leverage my passion for technology and instruction to influence others.

## Personal Profile

Full Name	Md. Nahidul Alam
Father's Name	Late Md. Khorshed Alam
Mother's Name	Nurjahan Begum
Date of Birth	23-12-1997
Gender	Male
Religion	Islam
Nationality	Bangladeshi
Marital Status	Single
Contact	+8801764177098, nahidulalamieeee@gmail.com
LinkedIn	<a href="https://www.linkedin.com/in/nahidul-alam-7b3457116/">https://www.linkedin.com/in/nahidul-alam-7b3457116/</a>
Permanent Address	Village: Chankara, Post Office: Akotabazar, Cumilla, Bangladesh.

## Education

Passing Year	Degree	University/Institution	Major	Grade Point Average
2020	B.Sc. Engineering	Bangladesh Army International University of Science & Technology (BAIUST), Cumilla	Electrical and Electronic Engineering (EEE)	3.67 (Out of 4.00)
2015	Higher Secondary Certificate	Government City College, Chattogram	Science	5.00 (Out of 5.00)
2013	Secondary School Certificate	Government Muslim High School, Chattogram	Science	5.00 (Out of 5.00)

## Participation & Awards in Robotics

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### ❖ Participated:

- Participated in Project Showcase Competition in ‘**3rd Student Conference on Science & Engineering (SCSE)**’ organized by IEEE Student Branch DU.
- Participated in Project Showcase Competition Organized by IEEE IIUC Student Branch.
- Participated in Project Showcasing in ‘**ESONANCE 2017**’ Organized by IUT.
- Participated in ‘**BCC Day Programming Contest 2016**’ Organized by BAIUST COMPUTER CLUB.
- Participated in Project Showcasing in ‘**Techno Craze 2019**’ Organized by CUET.
- Participated in Project Showcasing in ‘**DUET-TECHFEST 2017**’ Organized by DUET Robotics Club.
- Participated in Project Showcasing in ‘**EEE day 2019**’ Organized by IEEE IUB Student Branch.

### ❖ Awards:

- Champion of Project Showcasing in ‘**BAIUST EEE day 2017**’.
- Champion on Project Showcasing at ‘**6<sup>th</sup> WUB- National Com Tech Festival-2017**’, Held at WUB.
- Champion on Project Showcasing at ‘**ACI Motors presents IGNITION 2018: National Mechanical Festival**’, Held at KUET.
- Champion on Project Showcasing at ‘**Sena LPG- BUP Environmental Fest-2018**’, Held at BUP.
- Champion of Robo Soccer in ‘**BAIUST ROBOFEST 2018**’.
- 1st Runner up on LFR Competition in ‘**BAIUST EEE day 2017**’.
- 1st Runner up on Project Showcasing at ‘**Maker’s Mania 2018**’, Held at IUB.
- 1st Runner up on Project Showcasing at ‘**Mecceleration 2018**’, Held at IUT.
- 1st Runner up of Project Showcasing in ‘**BAIUST EEE day 2019**’.
- 2nd Runner up on Project Showcasing in ‘**BUET EEE day 2017**’.
- 2nd Runner up on Project Showcasing at ‘**International Telco Warfare 2017**’, Held at EWU.
- 2nd Runner up on Project Showcasing in ‘**BAIUST EEE day 2018**’.
- 2nd Runner up of RC Track Race in ‘**BAIUST ROBOFEST 2018**’.
- 2nd Runner up on Project Showcasing at ‘**BAUET Tech Fair 2018**’.
- 2nd Runner up on Project Showcasing in ‘**BUET EEE day 2019**’.
- 3rd Runner up on Project Showcasing at ‘**Youth Zest 2018**’, Held at Dr Tower.

## Technical Expertise

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**Programming Languages:** Verilog, C.

**Engineering Analytic Tools:** AutoCAD, Sketchup 3D, Eagle, Fritzing, Logisim, Arduino, Solidworks, Proteaus, PLC, MATLAB, PSPICE, PSCAD, Microwind, Code Blocks, Modelsim, NetSim.

**Operating System:** Microsoft Windows, Linux Ubuntu.

## Workshop & Industrial Training

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- Participated in the day long “**Workshop on Research Methodology and Scientific Paper Writing**” organized by Dhaka University Science Society on 11<sup>th</sup> November, 2017.
- Participated in the day long “**Workshop on Embedded System Design Using Microcontroller**” Organised by BAIUST EEE Club.
- Participated in the day long “**Workshop on MATLAB**” Organised by BAIUST EEE Club.
- Completed Professional Training Program on PLC, VFD, HMI.
- Completed Industrial Training at ‘**Energypac Engineering Ltd**’. (Factory), Savar, Dhaka, Bangladesh.
- Visited Meghnaghat Power Plant.

## Online Exam & Courses

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- Completed an online Certification exam ‘**The Fundamentals of Digital Marketing**’ from **Google Digital Garage** on 30/03/2020.  
**Certification ID:** EBG T2M UFJ.  
Verify the authenticity of this certificate at  
[‘https://learndigital.withgoogle.com/digitalgarage/validate-certificate-code’](https://learndigital.withgoogle.com/digitalgarage/validate-certificate-code)
- Successfully passed the ‘**Yandex. Direct**’ test.  
**Certification No:** 185153.  
Verify the authenticity of this certificate at  
[‘yandex.com/adv/expert/certificates’](https://yandex.com/adv/expert/certificates)
- Completed an online exam ‘**Bing Ads Accredited Professional status**’ from **Microsoft** on 2020-04-02.
- Completed Total 16 Module of ‘**Diploma in Information Technology Management - Revised 2017**’ Scoring 84% from **ALISON**.
- Completed Total 02 Module of ‘**General Data Protection Regulation (GDPR)**’ Scoring 96% from **ALISON**.
- Completed an online course ‘**Introduction to Amazon CloudFront**’ from **AWS Training and Certification** on 16 May, 2020.
- Completed online course’s ‘**Introduction to Data Studio**’ ‘**Getting Started with Google Analytics 360**’ ‘**Google Analytics for Beginners**’ ‘**Google Analytics for Power Users**’ ‘**Advanced Google Analytics**’ from **Google Analytics Academy**.
- Completed an online course ‘**Google Ads Display Certification**’ on March 31, 2020.  
**Completion ID:** 47470597.
- Completed an online course ‘**Google Ads Search Certification**’ on March 31, 2020.  
**Completion ID:** 47475463.
- Completed an online course ‘**Google Web Designer Basics**’ on March 31, 2020.  
**Completion ID:** 47473782.
- Completed an online course ‘**Google Studio Basics**’ on April 4, 2020.  
**Completion ID:** 47718091.

- Completed an online course ‘**Google Waze Ads Fundamentals**’ on April 5, 2020.  
**Completion ID:** 47724790.
- Completed an online course ‘**Optimize performance in Search Ads 360**’ on April 5, 2020.  
**Completion ID:** 47719353. **Score:** 93 out of 100.
- Completed an online course based on ‘**Future of Artificial Intelligence**’ from **Udemy** on 29 March, 2020.
- Completed an online course ‘**Introduction to Data Science**’ from **EDUONIX** on April 4, 2020.

## Project, Paper & Thesis

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- Completed a Project based on ‘**Emergency Rescuer Robot**’ Which can be used under certain circumstances. Such as hostage situations, mining accidents and explosions.
- Completed a Project on ‘**Car Obstacle Vehicle System**’
- Completed a Project on ‘**Self Balanced Two Wheel Robot**’
- Completed a Project on ‘**Fire Fighting Multipurpose Drone**’
- Completed a Verilog Project on ‘**Traffic Light Controller**’
- Completed a Verilog Project on ‘**Car Parking System**’
- Completed a Thesis ‘**An Autonomic LASER Tag Combat Simulation System Based On IPS Using RSSI From Wireless Devices**’

**Supervisor :** Dr. Umma Hany

Former Associate Professor & HoD of EEE, Bangladesh Army International University of Science and Technology (BAIUST).

## Academic Achievements

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- Two Dean’s List (1<sup>st</sup> & 2<sup>nd</sup> semester) & One VC’s List (8<sup>th</sup> Semester).

## Management, Leadership Activities & Membership

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- President (2018- 2019) : BAIUST Robotics Society.
- Conducted Basic Arduino Workshop.
- Conducted Advance Robotics Workshop.
- Campus Ambassador Buet Robo Carnival 2018.
- Campus Ambassador IEEE IAS CMD Humanitarian Projects Contest 2019.
- Campus Ambassador of Techfest, IIT Bombay.
- Campus Ambassador of Textile Fest 2019, Kuet.
- Former Team Leader of ‘Team\_Frigate’ (2016-2020).

## Areas of Interest

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- Electric Vehicles, Electric Drives, Power Electronics.
- Electronics, Digital Logic Device, Solid State Device, Digital Signal Processing, Control systems, Communication Theory, VLSI.
- Aerial Robotics, Underwater Robotics.

## Additional Skills

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- The ability to explain a concept or subject in a variety of ways.
- Patient, Polite and understanding at all times and particularly when dealing with learners who have learning difficulties.
- Calm under Pressure.

## Reference

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1.  
Dr. Fakir Sharif Hossain  
Associate Professor & HOD of EEE in  
Bangladesh Army International  
University of  
Science & Technology  
Contact : office : +8808180124, Mobile :  
+8801742288981  
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2.  
Shah Md. Salimullah  
Assistant Professor Dept. of EEE in  
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## Declaration

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I hereby declare that the above mentioned information is correct upto my knowledge and I will solely be responsible for any discrepancy found in them.

Signature : Md. Nahidul Alam

Date : 23/12/2020

Sincerely,

Md. Nahidul Alam