

# Farhan Ishraque Zahin

Address: 152/G/2, 1,2 Panthapath, Dhaka-1205  
Phone: +8801795326048  
Email: [farhanishraque@iut-dhaka.edu](mailto:farhanishraque@iut-dhaka.edu)  
LinkedIn: [www.linkedin.com/in/farhanzahin60](http://www.linkedin.com/in/farhanzahin60)  
Website: <http://farhanishraquezahin.netlify.app/>

## EDUCATION

### Islamic University of Technology

January, 2017 — March, 2021

Bachelor of Science in Electrical and Electronic Engineering  
CGPA: 3.94/4.00 (Class Position: 4<sup>th</sup> out of 165)

## THESIS

Thesis Title: “**Light Trapping Optimization in GaAs Thin Film Solar Cell Using Al Nanoparticles**”

Supervisor: Prof. Dr. Md. Ruhul Amin (Professor and Head of EEE Department, IUT)

## PROFESSIONAL EXPERIENCE

### Lecturer

11 November, 2021 — present

Electrical and Electronic Engineering Department  
Islamic University of Technology

## STANDARDIZED TESTS

### Graduate Record Examination (GRE)

Total	Quantitative Reasoning	Verbal Reasoning	Analytical Writing
329	170	159	5

### International English Language Testing System (IELTS)

Overall	Listening	Reading	Writing	Speaking
8.0	8.5	8.5	7.5	7.5

## SKILLS

Simulation Software      COMSOL Multiphysics, Proteus, Simulink, PSPICE, PSIM

Programming      MATLAB, Python, C, Assembly Language

## PROJECTS

- Hand Gesture Recognition
- Password Protection System using Microcontroller 8051
- Face Recognition System Using Matlab.
- Calculator using Logic Gates on a PCB

## INDUSTRIAL TRAINING

---

- |  |                |
|--|----------------|
| • Ghorashal Power Plant (One-week long training at the Power Station)          | November, 2019 |
| • Bangladesh Telecommunication Company Limited (BTCL)                          | December, 2019 |
| • Bangladesh Atomic Energy Commission (Visited the 3MW TRIGA research reactor) | December, 2019 |

## ACHIEVEMENTS

---

- |   |                |
|---|----------------|
| • OIC undergraduate Scholarship                       | October, 2016  |
| • DRMC-Islami Bank National Science Carnival-         | February, 2016 |
| ○ 1st position in Chemistry Olympiad (senior)         |                |
| ○ 2nd position in Mechanics Olympiad (senior)         |                |
| ○ 2nd position in Scientific Crossword(senior)        |                |
| • 9th position in the BAS Divisional Science Olympiad | January, 2016  |

## EXTRACURRICULARS

---

- Volunteered for the Logistic Team in ESONANCE festival organized by EEE department of Islamic University of Technology in 2017, 2018 and 2019
- Competed in Line Follower Robot competition in ESONANCE 2017
- Poster Presentation on "Wireless Body Area Network" in ESONANCE 2017

## ONLINE COURSES

---

- Semiconductor Physics
- Introduction to Solar Cell
- Mathematics for Machine Learning: Linear Algebra
- Mathematics for Machine Learning: Multivariable Calculus
- Programming for Everybody (Getting Started with Python)
- Python Data Structures
- Using Python to Access Web Data

## LINGUISTIC PROFICIENCY

---

English (Fluent Proficiency)

Bangla (Native Language)

## REFERENCES

---

Name: Dr. Md. Ruhul Amin

Phone: +8801844056133

Email: [ruhul@iut-dhaka.edu](mailto:ruhul@iut-dhaka.edu)

Professor and Head of EEE Department, IUT

Name: Dr. Ashik Ahmed

Phone: +8801864092662

Email: [ashik123@iut-dhaka.edu](mailto:ashik123@iut-dhaka.edu)

Professor of EEE Department, IUT