

Farhan Ishraque Zahin

B.Sc. Engineer

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EDUCATION

Islamic University of Technology

Bachelor of Science in Electrical and Electronic Engineering

Duration: 2017-2021

CGPA: 3.94/4.00

Position in class: 4th out of 165

THESIS

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)

STANDARDIZED TESTS

Graduate Record Examination (GRE)

Quantitative - 170

Verbal - 159

Analytical Writing - 5

SKILLS

| | | | | |
|---------|--------|--------|-------------------|----------------------|
| Matlab | C | Python | Simulink | Comsol Multiphysics |
| Proteus | PSpice | PSIM | Assembly Language | Microcontroller 8051 |

INDUSTRIAL TRAINING

- Ghorashal Power Plant (1 week long training at the Power Station)
- Bangladesh Telecommunication Company Limited (BTCL)
- Bangladesh Atomic Energy Commission (Visited the 3MW TRIGA research reactor)

PROJECTS

- Face Recognition System Using Matlab.
- Password Protection system using Microcontroller 8051
- Calculator Design on PCB
- Hand Gesture Recognition

ACHEIVEMENTS

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

EXTRACURRICULARS

- Volunteered for the Logistic Team in ESONANCE festival 2017, 2018 and 2019 organized by EEE department of Islamic University of Technology..
- 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

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Professor and Head of EEE Department, IUT