

## Hussein Alshaer

E-mail:hasonalshaer1998@gmail.com  
Date of Birth: April 27th,1998  
Mobile: +966569767805  
Address: Riyadh –Saudi  
Arabia



### Experience:

- Different jobs between 2014-2015
- training from oct 2021-sep 2021
- Engineering industrial in al-amanh factory

### OBJECTIVE:

- Technical-minded, IUT Certified electrical engineering graduate looking for a junior Electrical Engineer internship at your Company. Looking to leverage my working knowledge of electrical and electronic engineering, and experience in troubleshooting activities.

### EDUCATION:

- Bachelor Of Science in Electrical and Electronic Engineering (2019-2022: Islamic University of Technology, Dhaka, Bangladesh)

**Thesis topic:** “home automation and smart houses”  
**Supervisor:** Assistant prof. Mr. safyat bin hakim

### COURSES:

- Digital Multimeter Basics Training 2021 - SITRAIN Digital Industry Academy – Online
- Troubleshooting Motor and Drives Training 2021 -SITRAIN Digital Industry Academy Online
- The Fundamentals of Digital Marketing Training 2021 - Google – Online
- Energy Efficiency: Do More for Less 2021 - HP LIFE online course – Online
- Industrial Trainee- Bangladesh Power Management Institute (BPMI)

### EXTRA-CURRICULAR ACTIVITIES:

- Workshop on “Supply Chain Management and its Dynamics” at Islamic University of Technology (IUT) jointly organized by (IUT) and Bangladesh Supply Chain Council (BSCC) on 22 March,2019
- Official Youth Sideline Event of 45<sup>th</sup> session of OIC Council of Foreign Ministers, Dhaka, Bangladesh. Held on 4<sup>th</sup> may 2018
- Attended 1<sup>st</sup> Rational Model OIC Bangladesh held on 3<sup>rd</sup> February 2018, Official Youth Sideline Event of 10<sup>th</sup> OIC Tourism Ministers Meeting, Dhaka
- BUP Model United Nations Conference 2018 held on 27<sup>th</sup> to 29<sup>th</sup> September 2018
- International Students Community as the assistant director of education, preaching and culture for the academic year 2019/2020

### LANGUAGES:

- **Arabic** – Native
- **English** – Proficient
- **Bangla** - Elementary

### STRENGTHS AND SKILLS:

- Proficient with Microsoft Word, Excel and PowerPoint
- Outgoing and easy to communicate with
- Fast learner
- Complex problem solver
- Creative

### PROJECTS:

- **Implementation of an MCQ based quiz system using Microprocessor emulator with integrated assembler (emu8086)**

Using Assembly language, an MCQ based system was designed

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- **Simple water Level sensor using Bipolar Junction Transistor**

A water-level indicator using Bipolar Junction Transistors (BJT) was designed which collaborated with a water level Sensor and sent a signal to the user when the water level crossed a certain mark of the container.

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- **Design of a Circular Plasmonic Waveguide Filter in Nano metric scale**

Using COMSOL software, a plasmonic waveguide filter was designed using a Circular -shaped waveguide. It Reflectance and transmittance parameters along with the electric field in the waveguide was studied.

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### **Additional qualifications:**

- membership Saudi Council of Engineers
- Saudi iqama
- Driving Saudi license