

## **Rifayet Ashraf**

House No. 63, SS15/2A, Subang Jaya-47500, Petaling Jaya

Selangor, Malaysia.

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### **Education**

**2014:**

**Under graduation degree (Credit Transfer):**

**Institution:** UCSI University

**Course:** Bachelors of Science in Electrical & Electronic Engineering.

**Expected Graduation:** 2018 (April)

**2012-2013:**

**Under graduation degree:**

**Institution:** American International University Bangladesh (AIUB)

**Course:** Bachelors of Science in Electrical & Electronics Engineering

**2011:**

**Higher Secondary Certificate**

Group: Science

GPA-4.50 (Out of GPA-5)

Dhaka Board, Bangladesh.

**2009:**

**Secondary School Certificate**

Group: Science

GPA-4.69 (Out of GPA-5)

Dhaka Board, Bangladesh.

### **Professional Experience**

**2014(Jan) -2015(Dec)**

**Barista at Cosans Coffee Sdn Bhd.**

- Responsible for making beverages and managing customers.

**2016(Jan)-2016(Dec)**

**Supervisor at Doi Chaang Classic Coffee Sdn Bhd.**

- Responsible for organising and managing the restaurant.

**2016(Sept.)-2016(Dec)**

**Internship at CLT Engineering Sdn Bhd.**

- Designing & Assembly department.

### **Communication**

- IELTS Academic Overall Band Score = 5.5

## Engineering Software Proficiency

- Pspice
- Multisim
- Matlab
- LabView
- Solidwork
- AutoCad

## Project Works

### Mini hydro power plant

Duration- 4 Months

Place- UCSI University

Description- In this project by using hydro turbine 6VAC was produced. Step up transformer was used to step up the voltage from 6VAC to 220VAC for small household use.

### State machine

Duration- 2 Months

Place- UCSI University

Description-Sequence detector was made by D-flip flop to get specific output.

### Solar Radiation Data Recording System

Duration- 4 Month

Place- UCSI University

Description-

- Arduino Platform
- Analog interface with Solar Irradiance sensor
- Recorder with LCD display
- SD memory storage with 1 min interval recording
- 12/24VDC Operating voltage
- Solar Charging capability allows sustainable operation 24/7 365 days without the need to replace battery (can be integrate using off the shelf product)
- DIL rail compatible casing
- To be installed in weather proof enclosure (Eg, IP66 rating)

## Achievements

- Runner up at Intervarsity Innovation Challenge 2016, under ABB Malaysia.  
Topic- Self sustainable green gym concept.

### **Extra-curricular activities**

- Member at IET London (Member No- 1100536985)
- Committee Member of IET at UCSI University.
- Committee Member of Robotics club at UCSI University.

### **Problem Solving and Analytical**

- Excellent analytical and problem solving skills developed through University projects and assignments.
- Demonstrated effective ability to resolve problems throughout Internship when dealing with company database and clients.

### **Teamwork and Communication**

- Frequently delivered oral presentations for group presentations at university.  
Demonstration of strong interpersonal skills in volunteer roles and other extra-curricular involvement.

### **Personal Particulars**

Date of Birth: 11 November 1993

Place of Birth: Dhaka, Bangladesh

Nationality: Bangladeshi

Passport number: AF9447052

### **References**

Dr. John Tan

Head of the department of Electrical and Electronic Engineering,  
UCSI University.

E-mail: tanth@ucsiuniversity.edu.my

Mr. Chua Huang Shen

Lecturer, Faculty of Engineering

UCSI University

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