



# AARON FERNANDO

## OBJECTIVE

To attain an internship position based on Information Technology in a renowned organization in the dynamics and competitive IT field with the intention of contributing to the growth of the company with my knowledge while uplifting my professional skills.

## CONTACT

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Blynk community,  
Koshala123

## EDUCATION

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### **BEng. (Hons) Degree in Electronics Engineering**

2016 - 2019

Awarded by: University of Wolver Hampton UK.  
Institute: CINEC campus, Malabe.

### **Diploma in Software Engineering**

2018 - 2019

Awarded by: Pearson Assured  
Institute: ESoft metro campus, Colombo.

### **Monash University Foundation**

2013 - 2014

Awarded by: Monash University  
Institute: ANC

### **Primary / Secondary Education**

2002 - 2012

St. Peter's College, Colombo 4.

## WORK EXPERIENCE

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### **Orange Innovation center, trace city. R&D Intern**

2017-2018

- In charge of power line communication project.
- Circuit designing & C / Arduino programming
- Working with software Teams according to the hardware requirements,
- Planning for a project UNMAN store.

## PROGRAMMING

- Java
- C
- C#
- SQL

## OPERATING SYSTEMS

- Windows
- OSX

## DEVELOPMENT TOOLS

- NetBeans
- INTELLIJ IDEA
- MYSQL
- Arduino IDE
- Visual basic

## LANGUAGES

- English
- Sinhala

## EXTRA CURRICULAR ACTIVITIES

- 2010 to 2012 played in the school chess team
- 2015 to 2016 secretary, Francis sales youth society dalugama parish.

## KEY SKILLS AND STRENGTHS

- Quick learner
- Good PR communication and interpersonal skills
- Focused and punctual
- Love technologies
- Friendly

## ACADAMIC PROJECTS

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### Power Line Communication

Using electronic principles tried to send a data from a power socket with in the same phase without using any external cables only by using the existing power line with in the house.

Technologies used: Arduino IDE, PUTTY, PROTEUS, EAGLE, ORCAD ,

### Automatic Door Lock

Using an ESP 8266 as the micro controller which will help us to connect it to WIFI as well. The door can be opened via an app and if the door is forcibly open a notification would come to the owner's phone or via a keypad entering the security code.

Technologies used: Arduino IDE, BLYNK IOT, Node MCU, C

### Student / Teacher attendance system

This automation is done in class at Esoft as a practical. New students can register and teachers can register too. When student's ID no. is entered the particular student's details, pay history attendance history be revealed which will happen to the teacher as well.

Technologies used: Java, NetBeans, MySQL

### Home automation

Automation of a full house using BLYNK app, on / off lights (google voice commands as well.), checking the temperature and on/off an Air-conditioned. Watering the plans if the water level is low in the plants.

Technologies used: Blynk, IFTTT, Arduino IDE, C, Google Cloud

### Line following robot using Arduino IDE, Making of an IOT lamp etc.

## NONRELATED REFFERIES

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### Mr. Lakshitha Kumaranayake

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