

Uditha Maduranga

Software Developer | Programmer

Passionate programmer and creative UX designer who has excelled in critical thinking, problem solving, analytical skills and leadership skills.



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EDUCATION

BSc. Engineering (Hons) in Computer Science and Engineering

University of Moratuwa

2016 – Present

CGPA - 3.44

G.C.E. Advanced Level Examination

Royal College, Colombo 07

2013 – 2015

Two 'A' passes and one 'B' pass in Physical Science Stream

- Z-Score: 2.0068
- Island Rank: 768

Diploma in Management Accounting

Chartered Institute of Management Accountants (CIMA)

09/2015 – 09/2016

Certificate Course in HRM

Chartered Institute of Personnel Management (CIPM)

04/2016 – 08/2016

SKILLS

Java Python HTML CSS Javascript PHP

SQL Angular Firebase Git Android Studio

Adobe Premiere

CONFERENCES & COURSES

IEEE Sri Lanka Section Student/YP/WIE Congress 2018 (12/2018 – Present)

Institute of Electrical and Electronics Engineers (IEEE)

- The IEEE Sri Lanka Section, for the seventh consecutive year, is getting ready to present the Sri Lankan IEEE enthusiasts with yet another memorable episode of the Sri Lanka Section Students / Young Professional / Women in Engineering Congress for the year of 2018.

PROJECT EXPERIENCE

Vocational Training Center Management System (2018)

- Project is to design and develop a web based application for a Vocational Training Institute.
- Technologies: Angular, Firebase, HTML, CSS

Jupiter Human Resource Management System (2018)

- Project is to prepare a fully fledged web based HR database management system.
- Technologies: MySQL, php, HTML, CSS, JavaScript

SLCrickBot Chatbot Application (2018)

- A simple chatbot which is able to understand natural language via typing and respond quickly via text.
- Technologies: DialogFlow API, HTML, CSS, JavaScript

Desktop File Manager (2019 - present)

- Individual project of creating a complete file management software which is efficient but with customizable features
- Technologies: Electron framework, VUE framework, HTML, CSS, Javascript

SOBHA - The Eco App (2018)

- A mobile app that encourages people to plant more trees and create a friendly network among them to organize such events.
- Technologies: ionic mobile app framework, Html, CSS, Firebase

Dengue Prevention App (2018)

- A mobile app aiming to give alerts to its users about the potential risky areas and make user aware about dengue.
- Technologies: Google map API, Ionic framework, HTML, CSS, Firebase

AppetizAR (2018 - present)

- A mobile app based on augmented reality which has wide range of commercial and non-commercial applications.
- Technologies: Vuforia, Android studio, Unity

Step Climbing Robot (2017)

- An autonomous robot which is able to climb stair case up and down.
- Technologies: Arduino

4-bit Microprocessor (2017)

- A simple processor which is capable of executing simple set of instruction. Developed using BASYS2 micro-controller.
- Technologies: BASYS2 micro-controller, Xilinx ISE

Lake Nozama - Simple Java game Application (2017)

- Simple game application developed using object oriented programming principles and multi threading.
- Technologies: Java

Web based Dice Game (2016)

- A simple but complete dice game which is a two person game.
- Technologies: HTML, CSS, Javascript

EXTRA CURRICULAR ACTIVITY

Ambassador

IEEE Industry Applications Society

03/2019 – Present

Tasks/Achievements

- Ambassador for IEEE IAS CMD Humanitarian Projects Contest & Program

Member

Rotaract Club of University of Moratuwa

2017 – Present

Organizing Committee Member

IEEE SS12 Coding and Making Challenge

Jointly organized by Madras IEEE Education Society, Project Possibility and REAL Breakthrough. It is hosted in partnership with IEEE Humanitarian Activities Committee, Societies, sections, Universities and leading technology industry companies.

SOFT SKILLS

Communication Skills

Presentation Skills

Leadership Skills

Team Work

REFERENCES

Asanka Attanayake

“Senior Manager Core Network Planning Mobitel (PVT) Ltd.”

Contact: asankaaMobitel.lk – +94714029363

Dr. Adeesha Wijayasiri

“Department of Computer Science and Engineering, University of Moratuwa”

Contact: adeeshaw@cse.mrt.ac.lk

ORGANIZATIONS

Institute of Electrical and Electronics Engineers (IEEE)
(10/2017 – Present)

Student Member

IEEE Industry Applications Society (IAS) (01/2019 – Present)

Student Member

Institute of Engineers Sri Lanka (IESL) (07/2017 – Present)

Student Member

Chartered Institute of Management Accountants (CIMA)
(02/2016 – Present)

Student Member

ACHIEVEMENTS

Finalists at MoraVentures 4.0 (2018)

A startup competition which is organized by University of Moratuwa

IEEE Xtreme (2018)

Worldwide 24 hour coding competition

LANGUAGES

English



Sinhala

