




MANUL MADARA

UNIVERSITY OF COLOMBO SCHOOL
OF COMPUTING



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PERSONAL STATEMENT

I am an energetic, ambitious person who has good team working skills. I am tech enthusiastic and seeking a good challenging job role in order to grow and further improve my IT skills.

EDUCATION

**University Of Colombo School
Of Computing**
B.Sc. Information Systems(UG)
(Current GPA : 3.5/4.0)
2019 - 2021

Richmond College Galle
G. C. E. Advanced Level
2017

TECHNICAL EXPOSURE

- **PROGRAMMING LANGUAGES**
C,C++,Java, JavaScript, PHP, Python
- **WEB DEVELOPMENT**
HTML5, CSS3, Bootstrap, React,
Node.js, Express.js
- **DATABASE**
MySQL, MongoDB, PostgreSQL
- **OTHER**
OpenGL, Arduino, Raspberry-Pi,
Linux and shell script

PROJECTS

3rd year group project

GroVi - Fruit and Vegetable Selling Mobile App

- A mobile app that supports the home growers to sell their organic agricultural products to the closest proximity buyers. And buyers also can search and buy using the mobile app.
- Tech. Stack - PERN Stack, Azure

2nd year group project

Institute Management System - For Vidarsha Institute

- A web application that provides facilities to mark attendance, collect monthly fees, share study materials and manage student data. This system was developed without using any framework.
- Tech. Stack - HTML, CSS, JS, PHP, MySql

Individual Project

Industrial Fault Detector To Detect Bad Nut And Bolts

- An application running on raspberry-pi use camera and image processing to detect nuts and bolts that contain unmatched parameters(length).
- Tech. Stack - Python, OpenCV, Raspberry-pi

ACHIEVEMENTS

International Mars Hackthon 2020

Team "Taprobane" won 4th place from 32 countries worldwide.

Indian Rover Challenge 2020

Team "SEDS" won 15th place from 60 countries worldwide

ReidXtreme 2020

Team "MSU Coders" won 4th place, hackthon organized by IEEE UCSC

HomeAlone Hackathon 2020

Came to the first 20 teams out of more than 200 teams (A hackathon organized by University of Moratuwa IT faculty).

Pre Hacktoberfest 2019

Team "Lemonade" selected to the finalist, hackathon organized by Mozilla Club UCSC

INTERESTS

Robotics And Rover

UI Design And Graphic Design

Photography

Astronomy

OTHER QUALIFICATIONS

Microsoft Certified: Azure Fundamentals

- Score - 842/1000 (2021)

Google Cloud Platform Fundamentals

- QWIKLABS (2020)

Certificate In Maker-space Program

- Microcontroller Programming Workshop Conducted By American Center Colombo (2019)

Certificate In Fundamental Of Java Programming

- ESOFTE Metro Campus (2018)

POSITIONS OF RESPONSIBILITIES

- **Member Of UCSC Mechatronic Society**
2020 - Now
- **Project Manager SEDS UOC**
Students For Exploration & Development Of Space 2021
- **Organizing Team Member**
Makerfair Technology Exhibition 2019
- **Organizing Team Member**
National Olympiad In Informatics Award Ceremony 2019
- **Member Of SEDS Srilanka**
2019 - Now

REFERENCE

Dr. D. A. S. Atukorale

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