

# MANUL MADARA

UNIVERSITY OF COLOMBO SCHOOL  
OF COMPUTING



## CONTACT

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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 : 3.57/4.0 )  
2019 - 2021

**Richmond College Galle**  
G. C. E. Advanced Level  
2017(Physical Science stream)

## TECHNICAL EXPOSURE

### • PROGRAMMING LANGUAGES & FRAMEWORKS

C, Java, JavaScript, PHP, Python,  
Spring Boot

### • WEB DEVELOPMENT

HTML5, CSS3, Bootstrap,  
Angular, React

### • DATABASE

MySQL, MongoDB

### • OTHER

OpenGL, Arduino, Raspberry-Pi,  
Linux and shell script

## WORK EXPERIENCE

### Software Engineer Intern

X-Venture Global Solutions (pvt) Ltd.  
Internship Period - 06 months  
Involved in product development using Angular and  
Spring Boot

## 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

### 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

## 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, hackathon 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

Digital Marketing

UI Design & Graphic Design

Microservices

Astronomy & Photography

## Individual Project

### Industrial Fault Detector To Detect Bad Nuts Going on Conveyor Belt

- 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

## 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

- ESOF Metro Campus (2018)

## POSITIONS OF RESPONSIBILITIES

- **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

- **Member Of UCSC Mechatronic Society**

2020 - Now

## REFERENCE

### Dr. D. A. S. Atukorale

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