



# MALSHA SAMARAKOON

"A hardworking and self-motivated undergraduate student in Computer Science and Informatics Department, Uva Wellassa University who is seeking an internship position to explore carrier options in the IT sector."

## Contact

### Phone

+94767113175

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167/2, Kulugammana, Kandy

## Referral Links

### Github

<https://github.com/MalshaSamarakoon>

### LinkedIn

[www.linkedin.com/in/malsha-samarakoon-66a6681aa](https://www.linkedin.com/in/malsha-samarakoon-66a6681aa)

### Medium

<https://malshasamarakoon.medium.com/>

## Personal Details

**Full Name** : Samarakoon Mudiyansele Malsha Chamodi Samarakoon

**Date of Birth** : 29th of December 1996

**Status** : Single

**Nationality** : Sri Lankan

**Religion** : Buddhist

**NIC Number** : 968643584V

## Educational Qualifications

### Uva Wellassa University

2019 - Present

Reading B.Sc. (Sp) Degree in Computer Science and Technology (Expected 2023)

Current GPA (Up to 3rd year-end) : 3.17

### St. Anthony's Girls College, Kandy

2002 - 2015

G.C.E. Advanced Level - Physical Science Stream (2017)

Combined Mathematics - C | Chemistry - C | Physics - C

## Research and Projects

### Computer vision-based protection mechanism for drivers. (Under development)

image Processing-based approach to verify driver safety using Deep learning techniques.

OpenCV | Python | Machine Learning | Neural Network |

### Hands of Thambapanni

A website to promote small and medium enterprises with donations and advertising

React js | Firebase | Google geolocation API

### Exam Process Management System

A web application that can manage all the functionalities of exam procedure (Students' Registering, Managing results, GPA Calculations)

Core PHP | MySQL | HTML 5 | SAAS | Bootstrap 4 | XAMP Server

### Hostel Management System

A web application that can manage all the functionalities of a hotel. (Students' Registering, Managing results, GPA Calculations)

Laravel framework | MySQL | XAMP Server

### The Art Gallery

A web based CRUD application for an art gallery

Java | Spring Boot | MySQL | XAMP Server

### Mini Games for kids

A set of games developed for kids using image-processing techniques

MatLab

### Coffee Shop Management System

A web application that can manage all functions of a coffee shop, including ordering and billing

JavaFX | MySQL | XAMP Server

## Technical Skills

Linux  
Oracle (Fundemental)  
Networking Concepts (Cisco)

### Familiar Concepts

Object Oriented Programming  
Relational Database Concepts

### Programming languages and Technologies

PHP (Moderate)  
Java (Moderate)  
C (Moderate)  
Python (Beginner)  
HTML  
CSS  
Bootstrap

### Databases

Firebase  
MySQL

### Familiar IDEs

NetBeans  
Intelij IDE  
Eclipse  
Android Studio

### Version Control Systems

Git

## Interested Area

System Engineering  
Cloud Computing  
Computer Networking  
System Administration and Maintenance

## Language Skills

English (Professional Profeciency)  
Sinhala (Native Profeciency)

## Interpersonal Skills

Fast learning and adaption to working environment  
Ability to work under pressure and meet deadlines  
Ready to undertake Challenges  
Good analytical and problem solving skills  
Excellent leadership and organizing skills

## Professional Experience

Oracle Certified Foundation Associate (IZO-1085-21)

## Extra Curricular Activities

**Membership and Recruitment Lead** 2021 - Present  
Women In FOSS Uva Wellassa University

**Committee Member** 2020 - 2021  
Women In FOSS Uva Wellassa University

**Secretary Lead** 2022  
Project 'IMPETUS 2022' Conducted by, IEEE Uva Wellassa University Student Branch

**Web Developer** 2022  
Project 'Hands of Thambapanni' Conducted by, Rotaract Club of UWU

## Achievements and Participations

1st runner-up Inter-University Article writing competition 2021  
Organized by IEEE IAS Sri Lanka Chapter

Completed several online courses  
- Cisco CCNA 200-301 Complete Course with practical labs (udemy)  
- Introduction to Cybersecurity (Cisco Networking Academy)  
- Linux for Network Engineers: Practical Linux with GNS3 (udemy)  
- Linux security and hardening (udemy)

Participated IEEEExtreme 13.0 International Coding Competition

Participated IEEEExtreme 14.0 International Coding Competition

Participated In SHECODRERess V3.0 (2020) and V4.0 (2021) Organized by WIE Affinity group of IEEE Uva Wellassa University

Participated In DEFT Coders V 6.0 Organized by the Computer Society Of Uva Wellassa University

## Reference

## Declaration

I do hereby declare that the particulars furnished above are true and correct to the best of my knowledge.

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Malsha Samarakoon

10.12.2022