# Shawmica Sivatharan

## IT Undergraduate

I am a proactive second-year IT undergraduate at Rajarata University of Sri Lanka with a strong foundation in Computer Science and IT. I am passionate about image processing, computer vision, and eager to learn Machine Learning and Artificial Intelligence, aiming to drive technological advancements and organizational success.

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## EDUCATION

### Batchelor of Science in Information Technology
Rajarata University of Sri Lanka

*04/2022 - Present*                                      *3.725*

### Advanced Level in Physical Science
Jaffna College

*01/2017 - 10/2020*                                      *B C C*

Courses
- Physics
- Chemistry
- Combined Mathematics

### Ordinary Level
Jaffna College

*01/2006 - 01/2017*                                      *9A*

Courses
- Mathematics
- Information Communication Technology
- Tamil
- History
- Religion
- Science
- English
- Commerce
- Carnatic Music

## PERSONAL PROJECTS

### Fungal Colony Growth Rate Analysis (hypae penta) (03/2024 - 07/2024)
- Used Image Processing Technics

### Hand Gesture-controlled Slide Presentation Tool
- Used Computer Vision, OpenCV and cvzone's HandTrackingModule

### Hand Gesture-based Volume Control System
- Used OpenCV, Python, and Pycaw

### Website for Online Photography Bookings
- Font-end website

### GUI based Text Editor
- Used C++

### Vehicle Management System (09/2023 - 12/2023)
- Used DBMS

## EXPERIENCE

### Publicity Team Member
IEEE Student Branch of RUSL

*12/2023 - 01/2025*

## SKILLS

Programming(Python, C, C++, Java)   UI/UX
Web designing   Image Processing
Database Management   Project Management

## REFERENCES

**Dr. A.Sarmila**
Senior Lecturer, Faculty of computing. +94 77 12412334, sarmila@com.ac.lk

**Mr. L.M. Lingeswaran**
Jaffna University of Sri Lanka,+94 71 048 6816, lingeswaran@gmail.com

## CERTIFICATES

**Xtreme Encode (10/2024)**
*Certificate of Appreciation*

**IEEE Region 10 Ethics Champion (08/2024)**

**Foundations of Project Management (06/2024)**
Center for Open & Distance Learning (CODL) University of Moratuwa, Sri Lanka

**Front-End Web Development**
Center for Open & Distance Learning (CODL) University of Moratuwa, Sri Lanka

**MoraXtreme 9.0 (10/2024)**
*Certification of Appreciation*

**Hacker Rank Problem Solving(Basic)**
*Certificate of Accomplishment*

**Python Programming**
Center for Open & Distance Learning (CODL) University of Moratuwa, Sri Lanka

**Web Design for Beginners**
Center for Open & Distance Learning (CODL) University of Moratuwa, Sri Lanka

**Java Programming**
*DMI*

## LANGUAGES

**English**
*Full Professional Proficiency*

**Tamil**
*Native or Bilingual Proficiency*

## INTERESTS

Machine Learning   AI   Deep Learning
Project Management