Ravindu Wellalage
Undergraduate

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As a Data science student I am a highly passionate individual who thrives upon seeking new challenges through my career in information and communication technology. As an undergraduate student I am highly motivated person who is willing to work with the experts in the industry. I have a solid knowledge about general programming fundamentals in python and java. I ruled several group projects in my degree program and it all got succeed with my incredible leadership skills.

ACADEMIC QUALIFICATIONS

B.Sc. (Hons) in Artificial intelligence and Data science at IIT Affiliated with Robert Gorden University Scotland.

Informatics Institute of Technology

JAN 2023 to JAN 2026

Modules completed in 2nd year.

- Advanced Mathematics For Data Science - B
- Object Orientated Development - C
- Artificial Intelligence - B

JAN 2024 - AUG 2024

Modules completed in 1st year.

- English Communication Skills - A
- Web Technology - A
- Computer System Fundamentals - B
- Database System - B
- Programming Fundamentals - B
- Computational Mathematics - B
- Data Structures and Algorithms - B

JAN 2023 - AUG 2023

Foundation in Higher Education in Informatics Institute of Technology

- With a grade of - Distinction

MAY 2022 - DEC 2022

G.C.E. Ordinary Level in Isipathana College 2021(2022)

JAN 2021 - May 2022

- Passed with 8A and 1C passes.

Soft Skills

- Leadership Skills
- Communication Skills
- Critical Thinking

- Time Management
- Problem Solving Skills
- Presentation Skills

Technical Skills

- Java
- Python
- HTML , CSS
- R, RStudio

- Javascript
- SQL
- Git
- Django

Academic Projects

FishFit (Fish Behavior Detection Application) ↗

This system is able to identify fish health, whether it is abnormal or normal, by their swimming patterns. In this project, object detection, object tracking, and behaviour analysis are the main components. The system gets an input video from the user (footage of a fish tank; with 2 or 3 minutes), and it will identify whether the fish are normal or abnormal.
Technologies Used: Python || JupyterNotebook || Django || MySQL || HTML || CSS || JavaScript

Inventory System ↗

In this system, there are six dealers for this inventory system. Dealers will be able to add products, update values, delete products, save them to a text file, and retrieve item details from the inventory system.
Technologies Used: Python (1st semester) ↗ || Java & JavaFX (2nd semester)

Maze Solver ↗

This system will be able to find the shortest path of the given matrix in the matrix text file by using LinkedList in Java and also the Stack Queue Method in Java.
Technologies Used: Java (Stacks with Linked list)

Movie Recommendation Website ↗

Movie recommendation system according to user preferences. The user will be able to buy products from the website, and the add-to-cart option is already there for a user-friendly interface experience.
Technologies Used: HTML || CSS || JavaScript || XML

School Activity Club Management System ↗

This is a system that handles school activity clubs. This system has two user types: advisors and members. Advisors can create clubs, create meetings, and track member attendance. Members will be able to join clubs, attend meetings, and attend events.
Technologies Used: Java || JavaFX || Scene Builder || MySQL

Workshop Management System ↗

Create a database for a huge workshop that contains various departments, employee types, and processes. Play with CRUD operations according to the normalised data.
Technologies Used: MySQL (PHP MySQL server)

Extra-Curricular Activities

- Member of the Mozilla Club at IIT
- Member of the Rotaract Club at IIT
- Participated in events at the New Year festival at IIT.
- Participated PyHack 2.0 organized by IEEE student branch of IIT
- Participated Mora UXplore 2.0 organized by the IEEE Student Branch of University of Moratuwa.
- 3rd place in All island western music competition in 2018
- Bright Wushu player in the school wushu club.
- Certificates in Swimming championships.
- Certificates in Chess championships.

Referees

Ms. Imani Randhuli
Lecturer - professional Development
Informatics Institute of Technology
Email - imani.r@iii.ac.lk

Mr. Sharith Pamoda
Associate Project manager at TKSM
Undergraduate at Informatics Institute of Technology
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I HEREBY CERTIFY THAT THE ABOVE DETAILS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Ravindu Wellalage