



MADHUNISHA BALAJEYANDHAN

Undergraduate

As a committed and diligent person, I have a strong enthusiasm for the fields of data science and artificial intelligence. My academic journey has provided me with a solid foundation in programming, data analysis, and machine learning. Through an internship, I will have the chance to put my analytical mindset, problem-solving techniques, and effective communication skills to use in a real-world environment.

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EDUCATION

2022- Present

Bsc.(Hons) Artificial Intelligence & Data Science

Informatics Institute of Technology affiliated with Robert Gordon University

- Computer System Fundamentals - A
- Web Technology - B
- Data Structures and algorithms for Artificial Intelligence- B
- Computational Mathematics -B
- English Communication Skills -C
- Database Systems -C
- Programming Fundamentals (Java & Python)- C

2007-2022

Advanced Level Examination - Maths Stream

Royal Institute International School - Cambridge Curriculum
1B 1C 1D 1 E

Ordinary Level Examination - Science Stream

Royal Institute International School - Cambridge Curriculum
3A 2B 2C

PROJECT EXPERIENCE

Web Development Group Project

February 2023- April 2023

Created a Fitness Assistant Website named MANS, which includes a variety of features: a presentation page, main page, sign-in form, online store page, healthy food gallery, quiz, leaderboard, about us section, newsletter signup, feedback form and editor's page. In this project, my role involved designing the leaderboard page, the newsletter signup form and my editor's page. I utilized **HTML**, **CSS**, **JavaScript**, and **XML** to develop these components. It was challenging to do this because I had to learn new skills and techniques, deal with issues in extracting XML data and coordinate with my team members. However, I was able to overcome the difficulties and complete my tasks successfully. The result is a comprehensive website that offers a range of functionalities to enhance the user experience.

World Rally Championship Application

September 2022- April 2023

Designed and developed a GUI application using **JavaFX** for a World Rally Championship program, enabling efficient handling of driver and race details. The application offers users the ability to conveniently view driver information in an organized table layout and easily manage data by adding, deleting, and updating driver details using user-friendly prompts. Furthermore, it includes a feature that lets users generate random races, with the resulting race information presented neatly in a table format. This program was done in both **Python** and **Java**. It was challenging to ensure that data was stored and retrieved correctly from the text files, however I was able to overcome these difficulties after many hours of dedication and research.

SKILLS

Programming Languages - **Python, Java, R**

Web Development - **HTML, CSS, XML, JavaScript**

CERTIFICATES

- Workshop Series on Python & Data Science - PyData Sri Lanka (2023)
- Basics of Machine Learning - Great Learning Academy
- Career Essentials in Generative AI by Microsoft and LinkedIn
- Introduction to HTML - SoloLearn
- Introduction to CSS - SoloLearn
- Introduction to SQL - SoloLearn
- Introduction to Java - SoloLearn
- Introduction to Python - SoloLearn
- Learning Java 11 - LinkedIn
- Certificate in Digital Photography by the photographic society of Sri Lanka - 2023
- First Place in (4*100m) Relay- Sports Meet of Royal Institute - 2022
- Received Merit for Art & Poetry competition at Indian Cultural center Colombo - 2017
- Received Honours for YLE Movers - 2014
- Received Honours for CALSDA Examinations - 2009,2010,2013 & 2014

EXTRA- CURRICULAR ACTIVITIES

Member of the Rotaract Club of IIT

Volunteer at Stagecraft-IIT 2023

Directress of Community Service of Interact Club of Royal Institute 2021/2022

Senior Prefect of Royal Institute International School - 2018-2020

Junior Prefect of Royal Institute International School - 2017-2018

Member of the Choir at Royal Institute International School

Little Friends - Sri Lanka Girl Guides Association

REFERENCES

Abiramy Kanesathas

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