

DINIRA PATHIRANA



CONTACT

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OBJECTIVE

Enthusiastic second-year BSc (Hons) Software Engineering student with a passion for coding, problem-solving, and game development. Seeking opportunities to apply my skills and knowledge to contribute to innovative projects.

ACADEMIC QUALIFICATIONS

BSc Hons Software Engineering (Second Year, Undergraduate)

- Universal College Lanka (UCL) - Integrated with University of Central Lancashire (UCLan)
- Expected Graduation: August 2025

High School Diploma

- Lyceum International School Wattala
- Cambridge O-Level (2020) Results : 4A* 2A 1B 1C
- GCE A-Level (2022) Results: 2C 1S

PROJECTS

Quiz App for Programming Skills

- Developed as a team assignment for the "Computer Challenge" module at the University of Central Lancashire.
- Created an interactive quiz app using MIT App Inventor to assess programming skills.
- Collaborated with team members to design the user interface, implement question logic, and evaluate user responses.
- Questions focused on programming concepts, providing an engaging self-assessment tool for programming knowledge.

3D Car Game using TL Engine (C++)

- Designed and developed a 3D car game as a project for the "Game Concepts" module at the University of Central Lancashire.
- Utilized the TL Engine, a game engine by UCLan, to create an immersive gaming experience.
- Implemented complex features such as collision detection and particle movement, demonstrating strong problem-solving skills.

EXTRACURRICULAR ACTIVITIES

Junior Prefect (2017 - 2020) [Lyceum International School Wattala]

Senior Prefect (2021 - 2022) [Lyceum International School Wattala]

House Captain (2021 - 2022) [Lyceum International School Wattala]

Badminton Team [Lyceum International School Wattala]:

- Played on the school badminton team, Earned national-level championship titles in the Sri Lanka Schools Under 15 Doubles (2017) and excelled in Inter International Schools Badminton Championships with victories in the Under 20 (2022), Under 16 (2019, 2018), and Under 15 (2017) categories.

Chess Club [Lyceum International School Wattala]:

- Participated actively in the school chess team, securing championship titles at the national level in Sri Lanka.

SKILLS

- **PROGRAMMING LANGUAGES (C++, JAVA)**
- **FRONT-END WEB DEVELOPMENT (HTML, CSS)**
- **MOBILE APP DEVELOPMENT**
- **GAME DEVELOPMENT**
- **PROBLEM SOLVING**
- **STRATEGIC THINKING**
- **LEADERSHIP AND TEAMWORK**
- **COMMUNICATION AND MENTORSHIP**
- **PHYSICAL FITNESS AND DISCIPLINE**