



ISURIKA ADIKARI

Computer Engineering, University of Peradeniya, Sri Lanka

 Kandy, Sri Lanka

 +94 367 94 79

 123csissa@gmail.com

 [GitHub](#)

 [LinkedIn](#)

A motivated, hardworking Computer Engineer, with the strong foundation in Software Engineering and programming principles, seeking for an internship or research and development opportunity that will allow to utilize problem solving skills and to further improve my skills in the field of Computer Engineering. Keen in learning and mastering new technologies. Possessing strong team working skills, but also able to work well individually.

EDUCATION

University of Peradeniya, Sri Lanka

Nov 2017 - Present

Bachelor of Science, Computer Engineering

Current Year of Study: Year 3

Current Grade Point Average: 3.67/4.00

SLIIT Academy Kandy, Sri Lanka

CCNAv7: Recently completed Semester 2(Switching, Routing, and Wireless Essentials)

2019 – Present

Java Programming

Dec 2019 – Feb 2020

Mahamaya Girl's College Kandy, Sri Lanka

Jan 2013 – Aug 2016

Primary and Secondary Education

GCE Ordinary Level Examination (2013): 9A Passes

GCE Advanced Level Examination (2016): Combined Mathematics(A), Physical Science(B), Chemistry(B)

PROJECTS

Smart Chess Platform – chessMATE | Group Project

2020 – 2021

A Smart IoT Platform to be used by chess players who are used to play chess through online platforms. Developed and implemented functionalities of the mobile application and electrically powered chessboard.

Technologies used: Flutter, Nodejs, MySQL, AWS

Contribution: Frontend mobile application development, cloud deployment and designed database and handled database connections.

CPU | Individual Project

2020

A simple 8-bit single-cycle processor which includes an ALU, a register file and control logic. Later a memory sub-system was added.

Technologies used: Verilog

Media Club Equipment Lending System | Group Project

2020

A web application to be used by the crew members of a media club to manage the Equipment Inventory of the club. The web application shows the information of equipment including member details and events engaged.

Technologies used: MySQL, PHP, HTML/CSS, JavaScript, Bootstrap

Contribution: Frontend web application development and backend development. Designed database and handled database connections.

8-bit Computer | Group Project

2019

Designed and built a simple 8-bit computer system which included components: ALU, instruction loading unit and display output unit.

Technologies used: Embedded Systems, Integrated circuits

Contribution: Designing the computer system and physical implementation of the system.

SKILLS

Programming Languages	Java, Python, C	Procedural Programming	ARM Assembly
Mobile Application Developing	Flutter, Node.js, Android	Hardware Programming	Arduino, Verilog HDL
Web Developing	HTML, CSS, PHP, Bootstrap	Version Control	Git
Database Systems	MySQL	Languages	English, Sinhala

HOBBIES AND INTERESTS

Painting and Sketching	Mobile photography
Playing and Listening to music	Watching movies

EXTRA CURRICULAR ACTIVITIES

Committee member in Science Society - Mahamaya Girls' College	2016
Committee member in English Medium Unit - Mahamaya Girls' College	2013 - 2014
Member in Art Circle - Mahamaya Girls' College	2008 - 2016

ACHIEVEMENTS

Finalist in Arimac Futurecast Ideathon in IoT Category Project chessMATE	2021
Participation in virtual mini-hackathon HomeAlone organized by Students' Union of Faculty of Information Technology, University of Moratuwa	2020
Participation in Algorithmic Coding Competition MoraXtreme organized by Computer Society, University of Moratuwa	2020
Participation in Algorithmic Coding Competition Aces Coders organized by Association of Computer Engineering Students, University of Peradeniya	2020
Participation in Algorithmic Coding Competition Google Hash Code	2020
Won 5th place in 20th International Children's' Painting Competition on the Environment for Asia Pacific Region	2011
Won 3rd place at Art Competition organized by Human Rights Office – Kandy in collaboration with the Asian Human Rights Commission - Hong Kong	2009
Passed TVU (Thames Valley University) Speech and Drama (London College of Music) Oral Communication Grade 1 with a Distinction	2008
Passed TVU (Thames Valley University) Speech and Drama (London College of Music) Oral Communication Grade 2 with a Merit	2007
National Finalist for Verse Speaking at the Sri Lanka Annual Competitive Festival	2006
Awarded Gold Medal for Public Speaking at the Sri Lanka Annual Competitive Festival	2005
Passed Speech and Drama Preliminary Examination with Merit organized by Guildhall School of Music and Drama	2005
Prize Winner at Grade 01 Spoken English Examination organized by International Institute of Music Speech and Drama	2005

VOLUNTEER EXPERIENCE

Volunteering Teacher at Polgollawatta Central College, Kandy

Conducted Mathematics and Science seminars for over 20 underprivileged students as a part of 'Arunella' programme (Ordinary Level Examination Seminar series) of University of Peradeniya

REFERENCES

Prof. Roshan G. Ragel

Professor

Department of Computer Engineering,
University of Peradeniya

[roshanr@eng.pdn.ac.lk]

Dr. Isuru Nawinne

Senior Lecturer

Department of Computer Engineering,
University of Peradeniya

[isurunawinne@eng.pdn.ac.lk]