

DINURA DISSANAYAKE

Department of Computer Engineering, University of Peradeniya, Sri Lanka

☎ (+94) 77-416-1509 ✉ dinuransika98@gmail.com [in Dinura Dissanayake](https://www.linkedin.com/in/DinuraDissanayake) github.com/dinuransika

I'm a 3rd year computer engineering undergraduate with a keen interest in machine learning, computer vision and embedded systems.

Education

University of Peradeniya

December 2018 – May Present

BSc Engineering (Hons) — Faculty of Engineering

GPA - 3.79 / 4.0

D.S. Senanayake College

December 2009 – August 2017

G.C.E. Advance Level Examination

Comb. Maths (A), Physics (B), Chemistry (B)

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Systems Programming
- Software Methodology
- Database Management
- Internet Technology
- Computer Architecture

Projects

Analysis Tool for Industrial Images | Group Project

January 2022 - Present

- An analysis tool for increasing the performance of an injection mold maintenance device which uses image processing techniques to identify stuck plastic particles on molds.
- Technologies - React JS, Node JS, Express, Python
- [Project Page Link](#)

Remote Keyboard Tutoring System | Group Project

July 2021 - Dec 2021

- A web-based system interactively learn, play or teach in combination with the aid of a hardware unit and a web application.
- Technologies - React JS, Node JS, Express, Flutter, Embedded Systems
- [Project Page Link](#)

Visitors Management System | Group Project

November 2020

- A web based system to manage visitors to any institution.
- Technologies - SQL, HTML, CSS, JavaScript
- [Project Repository Link](#)

8-bit single cycle processor | Group Project

2020

- An 8-bit single cycle CPU with associated memory hierarchy. The processor includes an ALU, register file, control logic, forwarding unit, data memory, data cache, instruction memory and instruction cache.
- Technologies - Verilog-HDL
- [Project Repository Link](#)

Compiler for Cool Language | Group Project

2022

- The combination of a lexer, parser, semantic analyser, and code generator that can be used to compile programs written in Cool programming language.
- Technologies - C++
- [Project Repository Link](#)

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL, C++, ARM Assembly, Verilog-HDL

Frameworks: React JS, Express, Node JS, Flutter, Jekyll

Graphic Designing: Photoshop, Illustrator, Blender, Premier Pro

Experience

Teaching Assistance - CO 222 - Programming Methodology

May 2020 - September 2020

- Supervised weekly 2hr long online lab sessions
- Created questions for online quizzes based on the C programming Language

Teaching Assistance - CO 226 - Database Systems

November 2021 - January 2022

- Supervised weekly 2hr long online lab sessions

Computer Engineering Department Web Development Volunteer

November 2022 - Present

Achievements

Mini Hackathon - ICDS	2021
<ul style="list-style-type: none">• Data Science Hackathon organized by University of Colombo• 5th Place(Out of 100+ teams)	
ACES Coders	2020
<ul style="list-style-type: none">• Overnight inter-university coding competition organized by University of Peradeniya• 14th Place(Out of 100+ teams)	
Sri Lankan Physics Olympiad organized by the Institute of Physics, Sri Lanka	2017
<ul style="list-style-type: none">• Bronze Medalist	

Leadership / Extracurricular

AIESEC in University of Peradeniya	Dec 2019 – February 2022
<i>Marketing Manager - Incoming Global Volunteer</i>	<i>September 2021 - February 2022</i>
<i>Business to Business Manager - Incoming Global Volunteer</i>	<i>March 2021 - August 2021</i>
<i>Business to Business Team Leader - Incoming Global Volunteer</i>	<i>September 2020 - February 2021</i>
<i>Value Delivery Team Leader - Incoming Global Volunteer</i>	<i>March 2021 - August 2021</i>
AIESEC in Sri Lanka	Dec 2019 – Present
<i>Incoming Global Volunteer Task Force Member</i>	<i>September 2020 - December 2021</i>
<i>Media Specialist(Radio) - Public Relations Team - Youth4Youth</i>	<i>February 2022 - Present</i>

Recommendation
