

DILSHAN DESHAPRIYA PERERA

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EDUCATION

University of Moratuwa
B.Sc. Engineering Honours Degree

Katubedda, Sri Lanka
2017 - Present

- Electrical Engineering Major
- CGPA: 3.2/4.2, Dean's List: Semester 6
- Related Modules: Programming Fundamentals, Visual Programming, Computer Systems, Graph Theory

Royal College, Colombo
G.C.E. Advanced Level & G.C.E. Ordinary Level

Colombo 7, Sri Lanka
2008 - 2016

- G.C.E. Advanced Level Examination Results: AAB, 2.01 Z score, 179th District Rank (Colombo), 617th Island Rank, Physical Science Stream (Pure and Applied Mathematics, Physics, Chemistry)
- G.C.E Ordinary Level Examination Results: 9 Distinctions
- 4 Time Class 1st Prize Winner, 9 Time Subject 1st Prize Winner (3 for Information Technology)

Self Learning
Online Course Completion Certifications

Online
2022 - Present

- Machine Learning/Data Science/Python: Machine Learning Course - Sololearn (26% complete), Python for Data Science Course - Sololearn (30% complete), Intermediate Python Course - Sololearn, Python Core Course - Sololearn, Python Data Structures Course - Sololearn, Python for Beginners Course - University of Moratuwa, Python (Basic) Certificate - HackerRank, Python for Beginners Course - Sololearn
- Java: Java Programming Fundamentals Course - Udemy, Java Course - Sololearn
- Web Development: Web Design for Beginners Course - University of Moratuwa, HTML Course - Sololearn (32% complete), React + Redux Course - Sololearn (30% complete)
- Database Management: SQL Course - Sololearn
- DevOps: DevOps Fundamentals Course - Udemy
- C++: C++ Course - Sololearn (21% complete)
- Other: Hardware and Software Course - Wytech (Pvt) Ltd

WORK EXPERIENCE

Bela International (Pvt) Ltd
Electrical Engineering Intern

Colombo, Sri Lanka
Oct 2020 - April 2021

Fuel Farm, Bandaranaike International Airport
Electrical Engineering Intern

Katunayake, Sri Lanka
Oct 2020 - April 2021

Transmission Construction Projects Branch, Ceylon Electricity Board
Electrical Engineering Intern

Nugegoda, Sri Lanka
April 2021 - May 2021

SKILLS

Language Skills:	English, Sinhala
Intermediate knowledge on:	Python, MySQL, HTML, Java, IntelliJ IDEA, VS Code, PyCharms, CodeBlocks
I have worked with:	C++, CSS, JavaScript, Jupyter Notebooks, GitBash, MATLAB, Arduino, VB, C

PROJECTS

A Novel Controller for Virtual Synchronous Generator with Energy Storage System to Improve Power System Inertia

Final year group project for the module 'Design Project'. Project was supervised by Dr. Asanka Rodrigo. This project involves a MATLAB Simulink model to simulate how a virtual inertia system can improve the stability of a power system which has high renewable energy penetration during a disturbance using energy storage

Speed Detector Using Arduino and Infrared Sensors

This is a group project done for the 'Engineering Design' module. We designed an Arduino model to calculate speed of a moving object with the use of infrared sensors

Development and Upgrading of Fuel Hydrant System at Bandaranaike International Airport

This project is done by Bela International (Pvt) Ltd and WEC. During my internship period I was involved with this project and contributed with some designs ,calculations and reports

Computer Shop Webpage Design

This is a simple webpage design for the course 'Web Design for Beginners' conducted by Department of Computer Science Engineering, University of Moratuwa. I used HTML, CSS and JavaScript for this project

LEADERSHIP AND VOLUNTEERING

Batch Representative, Department of Electrical Engineering, University of Moratuwa 2018 - 2019

The communication line between academic staff, administration and 100 students in the department was maintained. Involved with a lot of department and university events

Representative, IESL Student Chapter, University of Moratuwa 2018 - 2019

In charge of School Affairs, Committee Member and Project Chairman, OREPA Student Chapter 2017 - 2021

Treasurer, OSU Charity Organization 2016 - 2018

Member of Rotaract Club, University of Moratuwa 2017 - 2022

Member of IESL, EESoc, RCU (Royal College Union), API Charity Organization, OSU Charity Organization, Royal College Art Circle 2016 - 2022