

DILSHAN DESHAPRIYA PERERA

86/A, Dolagatha Road, Udugampola, Gampaha, Sri Lanka • dilshvn@gmail.com • <https://github.com/dilshvn> •
+94 75 314 2771 • <https://www.linkedin.com/in/dilshvn>

ABOUT ME

Fresh engineering graduate from University of Moratuwa, Sri Lanka looking for opportunities in computer science industry to gain experience while contributing maximum for the company

EDUCATION

University of Moratuwa, Sri Lanka

B.Sc. Engineering Honours Degree

2017 - Present

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

Royal College, Colombo, Sri Lanka

G.C.E. Advanced Level & G.C.E. Ordinary Level

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 Certificates

2022 - Present

- Python: Intermediate Python Course (Sololearn), Python Core Course (Sololearn), Python and Flask Demonstrations Practice Course (Udemy), Python Data Structures Course (Sololearn), Python for Beginners Course (University of Moratuwa), Python (Basic) Certificate (HackerRank), Python for Beginners Course (Sololearn), Intro to Programming (Kaggle), Introduction to Python (DataCamp), Intermediate Python (DataCamp)
- Machine Learning and Data Science: Machine Learning Course (Sololearn 26% complete), Basics of Machine Learning (Great Learning), Python for Data Science Course (Sololearn), Introduction to Neural Network (Great Learning), Data Science (Sololearn 29% complete)
- Web Development: Web Design for Beginners Course (University of Moratuwa), HTML Course (Sololearn 32% complete), React + Redux Course (Sololearn 30% complete), Django Tutorial for Beginners (Programming with Mosh), Python and Flask Demonstrations Practice Course (Udemy)
- Other: Database Management: SQL Course (Sololearn), Java Programming Fundamentals Course (Udemy), Java Course (Sololearn), DevOps Fundamentals Course (Udemy), C++ Course (Sololearn 21% complete), Hardware and Software Course (Wytech (Pvt) Ltd)

WORK EXPERIENCE

Transmission Construction Projects Branch, Ceylon Electricity Board, Nugegoda, Sri Lanka <i>Electrical Engineering Intern</i>	2021 - 2021
Bela International (Pvt) Ltd, Colombo, Sri Lanka <i>Electrical Engineering Intern</i>	2020 - 2021
Fuel Farm, Bandaranaike International Airport, Katunayake, Sri Lanka <i>Electrical Engineering Intern</i>	2020 - 2021

SKILLS

Language skills

- English, Sinhala

Intermediate knowledge on:

- Python, MySQL, HTML5, Visual Studio Code, IntelliJ IDEA, PyCharms, Code Blocks, JupyterLab, Jupyter Notebook, GitHub

I have worked with:

- C++, CSS3, JavaScript, Django, Flask, Git, Git Bash, MATLAB, Arduino, Visual Basic, C, React, Redux, PowerShell, Anaconda, SQLite, SQLAlchemy, Java

PROJECTS

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

Calculator with History

- This is a calculator program developed for the course 'Python for Beginners' conducted by Department of Computer Science Engineering, University of Moratuwa. I used Python for this project

Titanic Survivor Prediction: Logistic Regression Machine Learning Model

- This project is related to Sololearn Machine Learning course. This is a supervised machine learning model based on titanic passenger data. Here, creating the model for given data, predicting results and scoring the model is done using scikit-learn.

Boston Housing Price Prediction - Linear Regression Machine Learning Model

- This project is related to Sololearn Data Science course. This is a supervised machine learning model based on Boston, USA housing price data. I use scikit-learn and pandas to build this model.

Iris Plant Species Prediction - Classification Machine Learning Model

- This is a classification ML model based on scikit-learn iris plant dataset. I used sklearn, pandas and knn method to for this model.

Using hacker statistics to find the probability of winning a bet on dice rolling game

- Using hacker statistics to check the probability of winning a bet on dice rolling game. I used random number generators, loops and matplotlib to reach a result of 78.4% using 500 random walks.

For more projects visit: <https://github.com/dilshvn>

LEADERSHIP AND VOLUNTEERING

Batch Representative, Department of Electrical Engineering, University of Moratuwa

- The communication line between academic staff, administration and 100 students in the department was maintained. Involved with coordinating a lot of Department and University events (Helakam Kala, We Are With You, Inauguration of 18th Batch, etc)

Representative, IESL (The Institution of Engineers Sri Lanka) Student Chapter, University of Moratuwa

In charge of School Affairs, Committee Member and Project Chairman, OREPA (Old Royalists Engineering Professionals' Association) Student Chapter

Member of Rotaract Club, University of Moratuwa

- Involved with projects (Grama Probodaya, Zooxanthellae, etc)

Treasurer, OSU Charity Organization

Member of IESL (The Institution of Engineers Sri Lanka), EESoc (Electrical Engineering Society) of University of Moratuwa, RCU (Royal College Union), 'Api' Charity Organization, Royal College Art Circle

REFERENCES

Dr. Ravi Wijesiriwardana

- Senior Lecturer Grade I, University of Moratuwa, Sri Lanka
- rwijesiriwardana@uom.lk, +94 71 150 9320

Dr. Thushara Rathnayake

- Senior Lecturer Grade I, University of Moratuwa, Sri Lanka
- thusharad@uom.lk, +94 11 265 0301