



CONTACT ME AT

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SOFT SKILLS

- Leadership
- Teamwork
- Hardwork and Commitment
- Fast Learning

TECHNICAL SKILLS

- Intermediate Knowledge on Excel, Word, PowerPoint, PLECS, Python, Java, HTML5, SQL, IntelliJ IDEA, PyCharm, Filmora
- Basic Knowledge on MATLAB, AutoCAD, PSCAD, Access, PLS CADD, DIALux, PSPICE, SolidWorks, CSS3, JavaScript, VB, C++, C, Jupyter Notebooks, Git, GitHub, GitBash, Jenkins, Chef

DILSHAN DESHAPRIYA PERERA

B.Sc. (Hons) Electrical Engineering

PERSONAL PROFILE

I am a hardworking individual with leadership qualities ready to utilize the knowledge gained through my course of study in productive ways

EDUCATION

University of Moratuwa

2017 - 2022

- B.Sc. (Hons) Electrical Engineering
- GPA - 3.2

Royal College, Colombo

2008 - 2016

- G.C.E. A/L Results - AAB, Z - 2.01 (Physical Science)
- G.C.E. O/L Results - 9As

WORK EXPERIENCE

Transmission Construction Projects, CEB - Intern

April 2021- May 2021

- Designs using AutoCAD
- Switchyard components
- Transmission line and tower calculations
- Transmission line and tower design using PLS CADD

BELA International (Pvt) Ltd, Colombo - Intern

October 2020 - April 2021

- Lighting system design using DIALux
- Lightning protection systems (LPS)
- Demand calculation, MCB selection, cable sizing and SLD drawing
- LV protection systems, earthing systems, soil resistivity testing
- BoQ, tender documents and procedure

Fuel Farm, Bandaranaike International Airport - Intern

October 2020 - April 2021

- Calculating short circuit currents for the project
- Designing lighting system for fuel tanks using DIALux
- Observing the work site, project plans

LANGUAGES

- English
- Sinhala

AWARDS AND ACHIEVEMENTS

- 📖 Dean's List, Semester 6, University of Moratuwa
- 📖 4 Time Class 1st Prize Winner, Royal College (2014, 2015, 2016)
- 📖 11 Time Subject Prize Winner, Royal College (2013 - 2016)
- 📖 Certificates and Medals for Highest Scholarship Examination Marks (Udugampola Primary School), Novel Writing (2006), Art Competition (2006), Handwriting Competition (2007), Energy Saving Competition (2008)

REFERENCES

Dr. Ravi Wijesiriwardana

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

Dr. Thushara Rathnayake

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

PROJECTS

A Novel Controller for Virtual Synchronous Generator with Energy Storage System to Improve Power System Inertia - Grade (A-)

2021 - 2022

- Final year design project for the module 'Design Project' - Supervised by Dr. Asanka Rodrigo

Speed Detector using Arduino and Infrared - Grade (A-)

2019

- 3 person group project for the module 'Engineering Design'

Development and upgrading of fuel hydrant system at BIA

2020 - 2021

- Involved with the project done by BELA and WEC at Bandaranaike International Airport

COURSES AND CERTIFICATIONS

- Java Course - Sololearn
- Java Programming Fundamentals Course - Udemy
- Python Core Course - Sololearn
- Python for Beginners Course - University of Moratuwa
- Python for Beginners Course - Sololearn
- Python (Basic) Certificate - HackerRank
- Web Design for Beginners Course - University of Moratuwa
- SQL Course - Sololearn
- DevOps Fundamentals Course - Udemy
- Hardware and Software Course - Wytech (Pvt) Ltd

EXTRA CURRICULAR ACTIVITIES

Batch Representative, Department of Electrical Engineering, University of Moratuwa

2018 - 2019

Societies and Organizations

2016 - 2022

- Representative, IESL Student Chapter
- In charge of School Affairs, Committee Member and Project Chairman, OREPA Student Chapter
- Treasurer at OSU Charity Organization
- Member of Rotaract Club, IESL, EESoc, RCU (Royal College Union), API Charity Organization, OSU Charity Organization, Royal College Art Circle