



CHAGA KARIYAWASAM

Electrical Engineering Undergraduate

Creative and hardworking individual with an energetic personality looking for an opportunity to utilize the theoretical knowledge gained throughout in creative and practical ways while supporting the organization to achieve business goals.



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Galle, Sri Lanka



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SKILLS

MATLAB Python, VB

Arduino Photoshop

PSSE MS Office

Leadership

Team Work

Communication

Problem Solving

Project Management

LANGUAGES

English

Full Professional Proficiency

Sinhala

Native or Bilingual Proficiency

INTERESTS

Electrical Installations

Power Engineering

Project Management

Renewable Energy

IOT

REFERENCES

*Available upon request.

EDUCATION

B.Sc. Engineering (Hons.) in Electrical Engineering

University Of Moratuwa

01/2020 - Present

CGPA- 3.43 (Dean's list- Semester 2)

Courses

- Electrical Installations, Power Systems, Electrical Machines & Drives, Control Systems

GCE Advanced Level - Physical Science Stream

Richmond College

04/2008 - 08/2018

Z-Score- 2.001

Subjects

- Combined Mathematics - A
- Physics - A
- Chemistry - A

ORGANIZATIONS

Moraspirit (03/2020 - Present)

Assistant Head of Marketing Pillar

IEEE PES Student Branch Chapter Of University Of Moratuwa (11/2020 - Present)

Member

CERTIFICATE COURSES

MATLAB Onramp

MathWorks training services

Solar Energy Basics by The State University of New York

Coursera

Programming in Python

CODL - University of Moratuwa

PROJECTS

Automated IOT Based Refrigerator Door System [Group Project] (11/2021 - 02/2022)

- Designed to close the refrigerator door automatically to avoid the power wastage and observe the data by an IOT platform.

Smart Footsteps Power Generation System With RFID Based Mobile Charging [Individual Project] (06/2022 - 09/2022)

- Designed to generate a voltage & a current using piezoelectric tile and manage the energy through a battery for mobile charging with a RFID verification process.

VOLUNTEER EXPERIENCE

Company Coordinator - "EESpire - 2022"

Official Career fair of Electrical Engineering Department of University of Moratuwa organized by the Electrical Engineering society.

School Coordinator Head - IEEE PES Student Branch Chapter

"Gammaddata IEEE Api - Phase 3" Robotics & IOT Workshop

Technical Committee - IEEE PES Student Branch Chapter

"Gammaddata IEEE Api - Phase 3" Robotics & IOT Workshop

Publicity Committee - IEEE PES Student Branch Chapter

"Energizing Sri Lanka" Panel Discussion on the potential engineering solutions for the Energy crisis in Sri Lanka.

Publicity Team - IET On Campus

IET Annual General Meeting 2021