SAUMYA WICKRAMARATHNE

CONTACT

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PERSONAL INFORMATION

Full name: Panditharathne Mudiyanselage Saumya Lakmali Wickramarathne

NIC No: 948131153V

Date of Birth: 08.11.1994

PERSONAL SKILLS

- Fast Learner
- Team worker
- Communication skills
- Organizational skills
- Management skills
- Research skills

PROFILE

A highly motivated and adaptable graduate who is seeking an Engineering career in the industry. An enthusiastic hard worker looking forward for responsibilities and opportunity to utilize technical skills in a challenging working environment. Innovative and highly dedicated to the field of interest.

PROFESSIONAL QUALIFICATIONS

INTERNSHIP – SRI LANKA TELECOM PLC
For 10 weeks as an engineering trainee
Outside Plant Maintenance Centre (North-Western province), Kurunegala

INTERNSHIP – CEYLON ELECTRICITY BOARD
For 10 weeks as an engineering trainee
Generation, Transmission, Distribution

STUDENT MEMBER OF IESL
Membership No: S-20661

EDUCATION

- **B.SC ENGINEERING (HONS.)**

Electrical and Electronic Engineering Department,
University of Peradeniya, Sri Lanka
(2014-2019)
GPA – 3.0 Second Class Honours (Lower Division)

- **Successfully completed CCNA (Cisco Certified Network Associate) course (200-120)**
- **2013 G.C.E. A/L EXAMINATION**

2 A's , 1 B(Combined Mathematics)
Z-score: 1.9110   D.R.: 58
Ku/ Holy Family Balika Maha Vidyalaya, Kurunegala

- **2010 G.C.E. O/L EXAMINATION**

8 A's , 1 B(English Literature)
Ku/ Holy Family Balika Maha Vidyalaya, Kurunegala

PROJECTS

DESIGN AND FABRICATION OF A DOPPLER RADAR USING A MICROSTRIP PLANAR ANTENNA ARRAY

- A Doppler radar was designed to use as a Police Radar gun, to detect vehicles travelling above the permitted speed and display the speed of vehicle. Radar circuit was designed in AWR Design Environment.

- Two identical 4x4 microstrip planar array antennas were designed in ANSYS HFSS and fabricated to use as Transmission and Reception antennas.

LANGUAGES

- C / C#
- Java
- Assembly
- Matlab

SOFTWARES

- ANSYS HFSS
- AWR Design Environment
- Visual Studio
- Matlab & Simulink
- PSCAD
- MPLAB IDE
- Proteus

ELECTRONIC EYE SECURITY SYSTEM

- Security system designed for the vehicles to measure the distance using a HC –SR04 Ultrasonic sensor.

SECURITY DOOR LOCK SYSTEM

- Password secured door lock system

EXTRA – CURRICULAR ACTIVITIES

- Organizing committee member of the project 'HODIPOTHA 4.0 – EXPERIENCE THE KINDERGARTEN' by AIESEC in Kandy, Sri Lanka.
- Completed the course 'Communication Service Provider' organized by IEEE, WIE Student Branch Affinity Group, University of Peradeniya.
- Member -Electrical and Electronic Engineering Society (EEES).
- Junior prefect - 2010
  Ku/ Holy Family Balika Maha Vidyalaya, Kurunegala
- Member of school Buddhist Society.

REFEREES

- **Prof. D.N.Uduwawala**
  Senior Lecturer,
  Department of Electrical & Electronic Engineering,
  University of Peradeniya,
  Sri Lanka.
  Contact No: +94-81-2393422
  Email: disala@ee.pdn.ac.lk

- **Dr. A.Gunawardena**
  Senior Lecturer,
  Department of Electrical & Electronic Engineering,
  University of Peradeniya,
  Sri Lanka.
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