



Buddhi Wijenayake

Electrical and Electronic Engineering
University of Peradeniya,
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Github

EDUCATION

Degree/Certificate	University/College	Results	Year
Bsc Engineering	University of Peradeniya	3.975/4.00 (CGPA)	2021-Present
Advanced Level	St, Sylvester's College	3A's with IR 107	2019
Ordinary Level	St, Sylvester's College	9A's	2016

EXPERIENCE

- **VEGA Innovations** July 2023 - Oct. 2023
Electrical and Electronic Engineering Intern Maradana, Sri Lanka
 - Embedded System Designing and Programming

PROJECTS (SELECTED)

- **Prop-Tables** May. 2023 - July. 2023
Passion Project GitHub Link
 - Built a python library that can give property table values in Thermodynamics. Related to programming.
 - Contribution.: Complete Project
- **Sensor Project (Implementing a Force Sensor)** Dec. 2023 - Jan. 2024
Undergraduate Project GitHub Link
 - Designed and built a force sensor that can measure the applied force on the sensor. Related to sensor design and sensor measurements.
 - Contribution.: Computer Interface, Filtering Algorithm
- **Automatic Tuner (Embedded Assembler Project)** Oct. 2023 - Present
Undergraduate Project GitHub Link
 - Designing and Implementing an Automatic Tuner for string musical instruments
 - Contribution.: Programmed the automatic tuner in Assembly
- **Contact Management System in C language** April. 2023 - June. 2023
Undergraduate Project GitHub Link
 - Designed a fully functioning Contact management system with a simple database. Related to C programming.
 - Contribution.: Complete Project

SKILLS

- **Programming:** Python, C/C++, Matlab*
- **Developer Tools:** Webots, Git, Jupyter Notebook/Lab, AutoCAD, Linux* * Elementary proficiency

POSITIONS OF RESPONSIBILITY

- **Vice President**, IEEE Microwave Theory and Techniques Society of University of Peradeniya Oct. 2023 - Present

ACHIEVEMENTS (SELECTED)

- **IEEE Xtream 2023**, Global Rank- 65, Island Rank- 1, Team.: Insomniacs 2023
- **Bronze Award**, Sri Lankan Physics Olympiad 2019
- **All Island 4th Place**, Sri Lankan Chemistry Olympiad 2019
- **Secured 1st place in MoraXtream**, All Island Algorithmic Programming Competition organized by University of Moratuwa, Sri Lanka 2023
- **Secured 2nd place in IESL RoboGames**, All Island Robotics Competition organized by Institution of Engineers, Sri Lanka 2023
- **Secured 3rd place in IEEE Electronic Design Competition**, Organized by IEEE branch of Sri Lanka 2023

REFEREES

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