AVISHKA RANASINGHE

ELECTRICAL & ELECTRONIC ENGINEERING UNDERGRADUATE

CONTACT ME

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📍 488, Waragoda Road, Kelaniya

EDUCATION

BSc Electrical & Electronic Engineering

3rd Year | Undergraduate
University of Peradeniya

2020 - Present

G.C.E. Advanced Level - 2As 1B
Z = 1.8516

Royal College Colombo 07
2015 - 2018

G.C.E. Ordinary Level - 8As 1B

Royal College Colombo 07
2005 - 2015

Diploma in English Language & Literaure

Aquinas College of Higher Studies - Colombo
2019

Diploma in Information Technology

ESOFT Metro Campus
2016

PROFILE

Highly motivated and collaborative third-year undergraduate in Electrical and Electronic Engineering with a passion for AI, machine learning, and signal processing. Strong analytical, problem-solving, and communication skills. Committed to acquiring in-depth knowledge in these fields and applying them to create innovative solutions. A dedicated team player, eager to contribute to cutting-edge projects in the industry. Seeking opportunities to expand skills and make a positive impact.

CAREER OBJECTIVES

As an undergraduate, my career objective is to leverage my educational background in Electrical and Electronic Engineering, coupled with my passion for AI, machine learning, and signal processing, to contribute to the forefront of technological advancements. I aim to work in a dynamic and innovative environment where I can apply my skills, continue learning, and make a meaningful impact in pushing the boundaries of these fields.

PROJECTS

- Volunteering Action Detection in sports Research
- Sensor Implementation | Research on Force sensor for Robotic Hand Model
- COVID 19 | Management System Application
- Smart Mobile Plant Management System | Embedded Systems project
- Smart safety Hand Stick for elderly people

CERTIFICATES

- **Machine Learning**
  Coursera online course by University of Stanford | 2022 - Present

- **Python for Everybody Specialization | 5 courses**
  Coursera online course by University of Michigan | 2020

- **Road to Codemania - Hackerrank Contest**
  2021

- **Ardioflo - Arduino Workshop Series + Contest(Proteus Simulation)**
  IES chapter of IEEE student branch of SLTC | | 2021

- **Adagrad '21- Introduction to machine Learning**
  IEEE CS student branch chapter of SLTC | 2021

- **Robotrix- Line following robot competition (Webots Simulation)**
  IEEE RAS Student branch chaoter of UOP | 2021

SKILLS

Team Work

Independant Learning

Communication

Leadership

Problem Solving

Programming Languages

    Python

    C

    Assembly

Software Expossure

    Matlab

    Proteus

    Arduino

VOLUNTEERING EXPERIENCE

- **Chairman | IET On Campus**
  University of Peradeniya | 2023 - Present

- **Vice Chairman | IET On Campus**
  University of Peradeniya | 2022 - 2023

- **Co-Director Partnership Development | Rotaract Club**
  University of Peradeniya | 2022 - 2023

- **Web Master | IEEE Robotics & Automation Society**
  University of Peradeniya | 2022 - 2023

- **Design Team Member | Catholic Student Union**
  University of Peradeniya | 2022 - 2023

- **Director of Industrial Relations | IET On Campus**
  University of Peradeniya | 2021 - 2022

- **Design Team Member | IEEE Robotics and Automation Society**
  University of Peradeniya | 2021 - 2022

- **Team Leader of Membership Avenue | Rotaract Club**
  University of Peradeniya | 2021 - 2022

- **Project Co-Chair - "Captures '21" (Public Image project for photographers) | Rotaract Club**
  University of Peradeniya | 2021 - 2022

- **Project Co-Chair -"Spooky Twilight" (Community Service project for children) | Rotaract Club**
  University of Peradeniya | 2021 - 2022

- **Treasurer | Aviation Society**
  Royal College Colombo 07 | 2017 - 2018

REFERENCES

Prof. Lilantha Samaranayake

Senior Lecturer at Department of
Electrical & Electronic Engineering
Faculty of Engineering
University of Peradeniya
Phone: 123-456-7890

Email : hello@reallygreatsite.com

Dr. Sudheera Navarathna

Senior Lecturer at Department of Electriical &
Electronic Engineering
Faculty of Engineering
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