

# Dilmin Siriwardana

## OBJECTIVE

Passionate Mechatronics Engineering undergraduate with hands-on experience in various programming languages, AutoCAD design, and PCB development. Specializing in innovative engineering solutions across multiple industries with current focus on Machine Learning/AI applications. Proven track record in team collaboration and project management through internships at Vidullanka PLC and C3Labs Pvt Ltd. Demonstrated leadership abilities through executive roles in student organizations and strong commitment to continuous learning and professional development.

## REFERENCES

Available upon request.

## ADDRESS

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Walana, Panadura

## PHONE

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## EMAIL

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## WEBSITE

<https://dilmints.github.io/>

## LINKEDLN

<https://www.linkedin.com/in/dilmin-siriwardana>

## EXPERIENCE

OCT 2024 - MAR 2025

Mechatronics Engineering Intern | C3 Labs Pvt Ltd | Colombo 04

JUN 2021 - NOV 2021

Engineering Intern | Vidullanka PLC | Colombo 03

## EDUCATION

Bachelor of Mechatronic Engineering (Reading)

General Sir John Kotelawala Defence University

Certificate in Automation (PLC)

Sri Lanka Institute of Robotics - 2024

Diploma in Office Applications

IDM Achievers (Gold Award Winner - 2022)

Cambridge A/Levels & O/Levels

Lyceum International School Panadura

## TECHNICAL SKILLS

Programming Languages: Python, C++, PLC Ladder Programming

Design & CAD: AutoCAD, PCB Designing

Software & Tools: MATLAB, Arduino, Fritzing, MS Office, Proteus, SIMATIC Manager, TIA Portal, VS Code,

Specialized Areas: AI/Machine Learning, Automation, Mechatronic Systems

## KEY PROJECTS

- Machine Learning based Brain-Controlled Exoskeleton for Assisting Hand-Impaired Individuals - Final Year Research Project
- QR Code Scanning Device for Transactions
- Air Quality Monitoring (AQM) Devices
- Surveillance Robot Car
- Automated Cocktail Machine
- Wall Following Robot
- Elevator Control Using PLC
- PCB Power Triggering Circuit using NFC Method