



MADUSANKA PUSHPAKUMARA

Computer Science Undergraduate

Contact



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Kandawala Estate, Ratmalana



[Madusanka Pushpakumara](#)



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[Madu6390](#)

Expertise

Web Development
Image Processing
Machine Learning
Graphic Design
Programming Languages
Mobile Development
Leadership

Publications

[Identifying the Most Optimum
Technology to Detect Pimples and
Facial Skin Diseases](#)

5th Student Symposium - KDU
2025

Certifications

Cisco
Introduction to Network
IT Essentials

SoloLearn
20+ Course Certificates

Awards

[Best Male Boxer 2024](#)
[Feather Weight Gold Medal 2024](#)
[Light Weight Gold Medal 2025](#)
Boxing

Faculty Sergeant Major 2024
Faculty Sergeant Major 2025
KDU Cadet Government

Profile

A disciplined and motivated Computer Science undergraduate at General Sir John Kotelawala Defence University (KDU) with a strong foundation in AI, machine learning, computer vision, and image processing. Passionate about developing AI driven solutions, with hands-on experience in Python, OpenCV, and C programming. Proven ability to collaborate in competitive environments, demonstrated through UI/UX design competitions, innovation challenges, and academic research. Strong analytical and problem-solving skills, complemented by leadership experience as an officer cadet in the Sri Lanka Army, seeking opportunities to apply technical expertise in AI, software development, or computer vision projects.

Projects

Final Year Project (Ongoing)
Evaluating Image Based Diagnostic Technologies for Acne and Facial Skin Conditions

[Skin Oily Detection Project 2024](#)
[Software for Skin Oily Detection](#)

Second Year Software Project 2023
[Online Accessories Shopping Experience Website \(FitTo\)](#)

Syndicate Research 2023
[The Role of Emerging Technologies and Digital Solutions for Sustainable Environment.](#)

First Year Hardware Project 2022
[Automated Car Parking System](#)

Education

BSc(Hons) Computer Science (Reading)
General Sir John Kotelawala Defence University
Present / Kandawala Estate, Ratmalana

Military Studies
Sri Lanka Military Academy
2022 / Diyatalawa

G.C.E. Advanced Level in Physical Science
Rajasinghe Central College - Ruwanwella
2017 - 2019 / Ruwanwella

References

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