Milan Weerasinghe

View my portfolio 🔗

4th-year undergraduate at the University of Sri Jayewardenepura pursuing a Bachelor's degree in applied mathematics specializing in **Computer Science.**

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TECHNICAL SKILLS

- Frontend: Javascript, ReactJs, Tailwind CSS
- Backend: Java, SpringBoot, ExpressJs, NodeJs
- Database: MySQL, MongoDB
- Version control: Git

PERSONAL PROJECTS

Adversarial Attacks on Autonomous Vehicle Systems (Research)

- Technologies: Python, Machine Learning, Computer Vision, TensorFlow, OpenCV
- Conducting cutting-edge research on generating adversarial patch attacks for autonomous vehicle systems and creating imperceptible and transferable attacks that can evade detection, particularly in black-box settings.
- This project aims to explore the vulnerabilities of autonomous systems by simulating sensor-camera interactions and understanding how these systems process and detect their environment.

Portfolio website

- Technologies: React.js, Tailwind CSS, JavaScript
- This project serves as a personal portfolio to showcase my skills, projects, and achievements in software development.
- It was designed with a focus on user-friendly navigation, responsive design, and aesthetics to provide an engaging experience for visitors.

Hotel Booking System

- Technologies: Java, Spring Boot, React.js, Tailwind CSS, MySQL, Eureka Server
- This project was built to address the need for a scalable, efficient hotel booking system to handle room management and booking reservations.
- The goal was to understand the microservice-based architecture by implementing simple microservices.
- The system features services for managing room availability and bookings.

EDUCATION

University of Sri Jayewardenepura

BSc (Hons) Computer Science - **3.3 GPA**

2021 - Present

Dharmasoka College, Ambalangoda

G. C. E. Advanced Level - Mathematics

2017 - 2019

SOFT SKILLS

- Effective Communication
- Team Collaboration
- Problem-Solving
- Leadership skills
- Time Management

CERTIFICATIONS

- Machine Learning in Production (Coursera)
- Supervised Machine Learning (Coursera)
- JavaScript intermediate (Sololearn)

REFERENCES

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