



RAVINDU WEGIRIYA

Computer Science Undergraduate

CONTACT ME

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EXTERNAL LINKS

- LinkedIn
- Github

SKILLS

Technical

Programming Languages

- Python, C, C++, PHP, JavaScript, Scala, Java, Kotlin

Web Technologies

- HTML5, CSS, Bootstrap, React, Express, NodeJS

Cloud Technologies

- AWS, Google Cloud, CPanel

Data Management

- MySQL, PostgreSQL, MongoDB, Firebase

PERSONAL PROFILE

Motivated, Energetic and Determined Computer Science Undergraduate with a relentless drive to excel and cultivate a comprehensive skill set. Eager to remain at the forefront of evolving technologies and industry advancements. Possesses a considerable expertise in various domains including Web Design, Cross-Platform Mobile Development, Machine Learning, Robotics, IoT, Streaming and Production, and Product Design and Development. Proven ability to lead teams, providing inspiration and fostering collaborative excellence. Ambitious and goal-oriented, striving to achieve predefined milestones while seeking opportunities to collaborate with leading experts in the field.

EDUCATION

Bachelor of Science (Hons.) in Computer Science (2021 - To Date)

University of Colombo School of Computing

- Currently studying in Year 3 | **Current GPA - 3.93/4.00**
- Current Results - 14 A+ | 10 A | 3 A- | 1 B-



GCE Advanced Level (2019)

S. Thomas' College, Mount Lavinia (2017 - 2019)

- Mathematics - B | Physics - B | ICT - A

GCE Ordinary Level (2016)

Kusinara International School, Moratuwa (2006-2016)

- 9A Passes

CERTIFICATIONS

WSO2 Certified Identity Server Developer - V6

- Certified to develop with WSO2 Identity Server v6.1.0

PROFESSIONAL QUALIFICATIONS

British Computer Society (BCS)

- Completed Level 4 (Certificate) of BCS HEQ Qualification
- Current Title - Certificate in IT (BCS, UK)

Chartered Institute of Management Accountants (CIMA)

- Completed upto Level 2 - Operational Level of CIMA Exams
- Current Title - Diploma in Management Accounting (CIMA, UK)

IDM Nations Campus - Sri Lanka

- Completed Diploma in IT

AWARDS AND RECOGNITIONS

Young Computer Scientist Competition - Silver Award (2017)

- Awarded Silver (2nd Place) under Senior School Category for Train Track
- Competition organized by FITIS and UCSC

Mobile Development Frameworks

- Flutter

Robotics

- Arduino

Machine Learning

- TesnorFlow, MLKit, Jupyter, Anaconda, Keras

Other Languages

- R, Octave, Flex, Bison

Project Management Tools

- GIT, Agile Tools - Kanban

Visual Design

- Figma, Canva, Adobe Photoshop, Adobe Lightroom

Non-Technical

- Public Speaking, Presentation Skills, Leadership Skills, Project Coordination, Photography

RESEARCH INTERESTS

- E-Learning, Machine Learning, Large Language Models, IoT Systems

EXTRA CURRICULAR

- Cricket, Checkers, Badminton, Piano Playing

REFERENCES

Dr. Ajantha Athukorale

Director - UCSC

Email : aja@ucsc.cmb.ac.lk

Dr. Manjusri

Wickremesinghe

Senior Lecturer - UCSC

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Gold Award for IDM Diploma (2019)

- Awarded Gold award at the 29th IDM Convocation for IDM Diploma in IT

CIMA Asia Pacific Prize Winner (2021)

- Awarded Asia Pacific Prize (Joint) for FI - Financial Reporting Subject

PROJECTS

OneID - A Digital Wallet for IDs with ICAO Compliant Photo Capture (In Progress)

- Third Year Group Project at University which aims to provide people in Sri Lanka to apply to ID documents such as NIC or Passport online and give the ability capture ICAO standard photographs through the app through Live Real-Time feedback using ML trained Models and Machine Based Pattern Recognition. Also provides ability for people to Self-Train the model to comply to their IDs and share via NFC/QR

Technologies : TensorFlow Flutter Django OpenCV PostgreSQL AWS Python FastAPI MLKit

Labour Link - A Labour Hiring Portal (May 2022 - May 2023) 🌐

- Second Year Group Project at University built without using any Frameworks as required. This platform helps people to find Labour like Painting easily by checking on the system and even make payments to workers through the system by Digital Payment Methods. Also allows users to manage housing projects.

Technologies : HTML CSS JavaScript PHP MySQL Google Maps API AWS PayHere

Train Track - A System to Track Trains via GPS (2017)

- Project built for Young Computer Scientist Competition (Silver Award) while at school. This was an Android App that had two versions - one to the train and other to the user which could communicate to share location

Technologies : Native Android Java PHP MySQL Firebase

Arduino Powered Bluetooth Controlled Remote Car (2017)

- A custom built Bluetooth-Controlled Remote car with all navigatable functions powered by Arduino UNO and other associated hardware

Technologies : Arduino

POSITIONS HELD

Finance Director - IEEE Student Branch of UCSC (2022/2023)

- Coordinated with all Finance Related activities such as handling sponsorships for events and daily finance activities. Often involved in Program related activities such as Event Planning

Secretary - ICT Society of S. Thomas' College (2018/2019)

- Led activities such as planning of the Annual ICT day, managing and updating the college website and handling all production and live stream related activities

Senior Member - RoyThoLive Committee (2018)

- Led all activities related to the production and live stream of the Big Match between Royal College and S. Thomas' College

Head Prefect - Kusinara International School (2016)

- Led the Student Body of a school of around 500 Students