Hiru Ihalakorala

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Hobart, Tasmania
LinkedIn

CAREER OBJECTIVE

An engineering graduate from Sri Lanka recently graduated from a degree majoring in cybersecurity at UTAS and an MBA from the University of Bedfordshire. Enthusiastic individual with good proficiency with computer systems and a quick adaptability. Able to work independently or in team environments effectively to achieve goals exceeding expectations. Good experience of working in a range of environments. Refined oral and written communication skills from working in a diverse environment as a volunteer. Currently looking for opportunities to enhance experience in the field.

TECHNICAL SKILLS

- Programming languages: Python, C, C++, C#, Java
- Networking experience in Cisco network equipment
- Experience in Linux, Windows, Server and MacOS interfaces
- Experience with software development/ web development tools
- Experience in Packet Tracer, Metasploitable and FTK Imager
- Certifications: Pursuing Cisco CCNA and CompTIA A+
- Fluent in Sinhala and highly proficient in English (PTE overall 90)

EDUCATION

ACS Professional Year Program - ICT   **Mar 2025 - Present**
QIBA, Hobart Campus

Master of Business Administration   **Jan 2024 – Feb 2025**
University of Bedfordshire, UK

Bachelor of Information Technology   **Feb 2022 – Dec 2024**
University of Tasmania, Australia

Bachelor (Honours) of Engineering   **Feb 2018 – Feb 2022**
General Sir John Kotelawala Defence University, Sri Lanka

ACADEMIC PROJECTS

Title: Modelling 3D Models using LiDAR   **Feb 2019**
Objective: To create a low-cost system to model 3D environments using LiDAR technology.
Tools: LiDAR Equipment, Arduino, Python
Outcome: Created a system that used low-cost LiDAR equipment from discarded Xbox units to be able to scan and create 3D models mechanically operated through an Arduino-controlled system, processed through software coded in Python.

Title: Video Streaming Web Application for DJI Drones   **Feb 2024**
Objective: To create a web application to handle video streams from DJI drone while on air.
Tools: HTML, Vue.js, Django, C, MySQL
Outcome: Created a web application on a Vue frontend and Django backend that got in video streams using the DJI Cloud API that could be viewed by users logged in. Included an email reminder and calendar feature.

WORK EXPERIENCE

Removalist/Restorations Assistant   **Jan 2023 – Present**
Abels Cleaning and Restoration Pty Ltd, Hobart
- Worked in diverse teams with different specialties to achieve set goals in projects on fixed work deadlines to provide best service possible.
- Adapted to variable situations onsite during ongoing projects and provided improvised solutions to get the work done within the deadlines.
- Adhered to workplace safety standards and procedures and trained new employees on those standards before work.
- Communicated verbally with customers to understand their requirements and tailor services accordingly.

Assistant Engineer   **Jan 2022 – Mar 2022**
Access Technologies International Sri Lanka
- Conducted drive tests to check the quality of the 2G, 3G, 4G network configurations in the city and suburbs around Colombo, Sri Lanka.
- Conducted testing at in-building solution (IBS) project sites to check 3G and 4G coverage quality including the largest infrastructure project in the country.
- Participated in the rollout of the 5G network in Colombo, Sri Lanka and conducted coverage testing in the CBD.
- Created technical reports for drive testing for different projects and oversaw 2G network decommissioning paperwork in some areas.

Engineering Intern   **Jun 2021 – Jan 2022**
Dialog Axiata PLC, Sri Lanka
- Assisted engineers in the operations of fibre optic network development projects in metro areas and regional areas around Sri Lanka.
- Conducted acceptance testing on the constructed fibre networks in underground micro trench configurations and inside commercial buildings.
- Created documentation for my own digitalisation projects, the fibre network mapping, and bills of materials for upcoming projects.
- Digitalised the check clearance system for projects between the company and the government and created an online database for all the fibre networks owned by the company.

PROFESSIONAL AFFILIATIONS & CERTIFICATIONS
- Australian Computer Society (ACS)   Member ID: 4425887
- Institute of Electrical and Electronics Engineers (IEEE)   Member ID: 95138283
- Engineering Council of Sri Lanka (ECSL)   Registration No: 217951
- Institute of Engineering and Technology (IET)   Member ID: 1100890758
- Australian Drivers' Licence (VIC)   Exp. 03/2033

REFERENCES

Mr. Ranjith Perera   **Mr. Shenal Shiwanka**
Principle Engineer Electrical   Financial Accountant
Entura   Hazell Bros Group
0488 035 821   0499 039 909
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