Randika Weerasinghe

Software engineering undergraduate

I am an enthusiastic tech whizz, who is motivated to learn new things and make new connections, who is also flexible to work as a team. I am also passionate about software development and competitive gaming.

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github.com/randhi-w

EDUCATION

BEng in Software Engineering
University of Westminster

01/2019 – 08/2022

Advance Level (Science stream) - D. S. Senanayake College
2C 1S

2015 – 2018

Ordinary Level - Wesley College 7A 2B

2012 – 2015

PROJECTS

Music Store Manager (Full-stack)
- A full-stack application developed for the OOP module, where the front-end is developed using angular with a REST CRUD API at the spring backend and the data is stored locally in a mongo repository instance.

Python Simple Billboard hot 100 Webscraper
- A simple python script using the beautiful soup library to content scrape the billboard hot 100 website(https://www.billboard.com/charts/hot-100) to get the trending music details printed

Data visualization portal for Sri Lankan data sets
- This is our team project for the SDGP module. A web application that lets you visualize data sets using graphs and analyze the dataset using machine learning.

Sri Lanka AL performance analysis
- A jupyter notebook containing datasets extracted of AL performance and several ML linear regression models to analyze and predict student pass/fail rate of given years.

Max Flow - Solution with graph visualization
- An implementation of Edmonds Karp algorithm for the max flow problem using networkx and matplotlib to visualize the flow network and analyze performance.

TECHNICAL SKILLS (IT)

Tools : IntelliJ, Pycharm, Jupyter notebook, VSCode, Netbeans, Git

Languages : Java, Python, JavaScript, HTML,CSS

Libraries/Frameworks : Angular, Scikit-Learn , Spring Boot, Flask, matplotlib, networkx

Database management : MySQL, MongoDB cloud Atlas(cloud), MongoDB compas(local)

ACADEMICS

1st Year Modules (Average of all modules 78) :

Programming Principles I
Average of all components : 94

Programming Principles II
Average of all components : 83

Mathematics for Computing
Average of all components : 86

Computer Science Practice (database)
Average of all components : 50

Web Design and Development
Average of all components : 65

Computer Systems Fundamentals
Average of all components : 89

2nd Year modules (Pending) :

Object Oriented Programming
ICT : 76

Client Server Architecture
ICT: 81

Other modules are currently pending
Pending

WORK EXPERIENCE

Tech support
Mahima Distributor (JAT Holdings regional distributor for Moratuwa)

08/2018 – 12/2018
Tech support, creating reports of sales, income and expenditure reports, emails and invoicing and creating GRNs through the system

Contact: 077 726 9273 **Padmal Mendis (Proprietor)**

CONFIDENCE / PROFICIENCY

Java	● ● ● ● ●
Pyhon	● ● ● ● ●
Javascript	● ● ● ● ○
Angular	● ● ● ○ ○
Spring boot	● ● ● ○ ○
HTML/CSS	● ● ● ● ○
PHP	● ● ○ ○ ○

REFERENCES

Sudharshan Welihinda
Director – Operations
Informatics Institute of Technology
57, Ramakrishna Road, Colombo 06
weli@iit.ac.lk
(+94) 112 360 212

EXTRA-CURRICULAR

Aeronautical club of D.S.S.C - Executive committee member (2017 – 2018)

Science Society of D.S. Senanayake College - committee member (2017 – 2018)

English Literary Association D.S. Senanayake College - committee member (2017 – 2018)

IEEE - Member and volunteer at IIT

Youth President at Mahargama Methodist church (2019 – Present)

CERTIFICATES

Google Hashcode 2020
Ranked 7th out of 30 + teams in IIT, Ranked 70th in Sri Lanka, 8369 in World ranking

Inter University E-sports Championship Runner up for League of legends
Runners up for competing as team playing LOL, the biggest inter-university esports championship in Sri Lanka

SOFT SKILLS

Flexibility: Adjust to various tasks and environments and fit in quickly

Problem solving: Project Euler 16 problems solved

Communication: studied in English medium, compered several events

Teamwork: organized and worked together in multiple events (science day, aeronautical day etc)