

Dinuka Chathuranga Hettiarachchi



PROFILE

I am a highly motivated and skilled Computer Engineering undergraduate, interested in software development and networking. Seeking a Job opportunity to get an experience and improve skills.

CONTACT

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CORE SKILLS

Experience and knowledge in data structures and algorithms, embedded systems, and communication networks, Machine learning, Web development

INTEREST AND HOBBIES

Table tennis

Badminton

Swimming

Hiking

EXPERIENCES

R&D Engineering trainee: Synopsys Lanka (PVT) LTD

2019/02 – 2019/07 (20 weeks)

EDUCATION

BSc (Eng.) in Computer Engineering, University of Peradeniya

2015 – Present

Current GPA: 3.4 / 4

Expected graduation: 2020

FURTHER EDUCATION

Front-End Web Development with React

The Hong Kong University of Science and Technology - Coursera

Machine Learning with Python

IBM - Coursera

EXTRA ACTIVITIES

Participated CODERS 2018

We got 10th place over 150 groups.

Participated PRECODERS 2018 and selected for ACES CODERS 2018

We got 4th place over 47 groups in precoders.

Participated in ACES Hackathon 2018

Participated in ACES Hackathon 2017

Participated and won 3rd place from Innovators 2016

Line following robot competition

Participated for Arunella seminar session 2016

Won 2nd place from provincial school singing competition
2010

Won 1st place from zonal school singing competitions

REFERENCES

Dr. Dhammika Elkduwa

Senior lecture in Computer Engineering at UOP

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Prof. Roshan G. Ragel

Senior lecture in Computer Engineering at UOP

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PROJECTS

Dynamic Difficulty Adjustment (DDA) in FPS games using player strategy detection – Final year project

Contributions: Created the FPS game using UNITY game engine.

Contributed to data collection and ML model creation.

Patient management system for Dental Hospital 2017

A group project – 3 members

A system which can use hospital staff and check the details about patient and his diagnostics etc.

Technologies and Tools – Struts 2.0, MVC architecture

Contributed as a front end developer

ChatNCode

2017 (Group Project – 7 Members / ACES Hackathon 2017) A collaborative programming text editor which enables real time coding with video chatting. This text editor includes all the features that are in other text editors - syntax highlighting, ability to save files with extension of chosen language, bracket matching, easy navigation, compile/run, syntax checking in real time etc. Similarly it contains real time code editor, video chatting among up to 5 people and ability to create private chat rooms. This can be used to teach programming for beginners, do group projects and act as a learning tool to collaboratively learn from others.

Technologies and Tools – Node.js, HTML, JavaScript, JQuery.

Contributed as a front end developer and backend developer.

Website for the faculty of Technological studies UWU.

2018 – Ongoing project Individual

A website for the faculty of Technological studies UWU which can be used for both students and lectures.

<https://techfacultyuwu.000webhostapp.com>

DECLARATION

I hereby declare that all the information contained in this resume is in accordance with facts or truths to my knowledge. I take full responsibility for the correctness of the said information.

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(Hettiarachchi H.A.D.C.)