

Danindu Marasinghe

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Full stack Software Developer with a diverse programming skill set that fits your project's needs.

[Portfolio](#)

[GitHub](#)

[LinkedIn](#)

Skills

- **Languages/Libraries**
 - Java, Apache POI, C, R, R Shiny, SQL, JavaScript, React, PHP, UML, Python, MATLAB
 - **Web Design**
 - HTML, CSS, Bootstrap, WordPress
 - **Programs/Tools**
 - Android Studio, Eclipse IDE, IntelliJ IDEA, VS Code, GitHub, GitLab, WooCommerce, Microsoft SSMS, Microsoft Office, Google Firebase, Cypress.io, Maven
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Work Experience

Data Science Intern | May 2022 – December 2022
Roche Canada | Mississauga ON

- Understanding clinical trial data and applying data manipulation techniques as required
- Creating R Shiny web apps to display tables, listings, and plots
- Using Java and Spring Boot to develop and test code to aid in parsing spreadsheet data
- Using JavaScript, React, and Cypress to develop tests for a full-stack web app in an agile environment

Teaching Assistant | September 2021 – Present
University of Guelph | Guelph ON

- Course:
 - CIS*1910 – Discrete Structures I
 - CIS*2910 – Discrete Structures II
 - CIS*1300 – Programming
- Facilitating lab sessions and collaborating with students on practice questions
- Recording assignment solutions
- Holding office hours
- Answering questions in live lectures
- Developing auto-grader software

Private Tutor | September 2019 – September 2021

- Tutored students in grades 9-12 Mathematics, Physics, and Computer Science courses

STEM Tutor | June 2019 – September 2019
Math4Me | Brampton ON

- Tutored STEM subjects (e.g., Mathematics, Chemistry, Physics) for students in grades 9 to 12 (academic and applied stream)

Education

B. Comp. (Computer Science) – Year 3

Present | University of Guelph, Guelph ON

Guelph, Ontario

- **GryphTravels** – Application developed in C for class project to calculate costs of hotels and flights. Application available [here](#).
- **iWin** – Application developed in C for class project to allow users to play tic-tac-toe with the computer. Application available [here](#).

Projects

CarDealership Project – Java Swing application that simulates a Honda dealership employee/customer user interface. Developed for Grade 12 university level Computer Science final project. Application available [here](#).

GTA Challengers Sports Club Website – A website for a sports club designed and co-developed using PHP, Bootstrap, HTML, and CSS. Website available [here](#).

RexallPrescriptionData – Java program that uses the Java Apache library for Microsoft Excel to analyze data from Rexall Pharmacy customers. Application available [here](#).

Elephant King Fitness Blog - A WordPress blog that I created to showcase my fitness journey. Website available [here](#).

Programming Assignment 1 Auto-grader – A Java object-oriented program that allows teaching assistants to automatically compile student assignment files and displays a series of prompts based on a grading scheme. Code available [here](#).

Extra-Curricular Activities

- Society of Computing & Information Science - **Vice-President Communication** | April 2021 – Present
 - Organizing meeting minutes, publishing electronic documents, coordinating with Year Reps, and managing marketing materials
- Computer Club - **President** | February 2018 – June 2019
 - Managed projects and taught students how to design websites with HTML and CSS

Competitions

- Same Home Different Hacks Hackathon | June 2020 | Major League Hacking
- Senior Canadian Computing Competition | February 2019 | University of Waterloo
- Spark Hackathon | December 2018 | McMaster University
- Engaging in Entrepreneurship and Engineering Catalyst Program | August 2018 | University of Waterloo
 - Designed a prototype web app for hardware start-up idea
 - Performed a business pitch
- Junior Canadian Computing Competition - **Distinction Award** | February 2018 | University of Waterloo
 - Used Java - scored in the top 25% nation-wide