

# 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](#)

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## Skills

- **Languages**
    - Java, C, R, SQL, JavaScript, PHP
  - **Web Design**
    - HTML, CSS, Bootstrap, WordPress
  - **Programs/Platforms**
    - Android Studio, Eclipse IDE, GitHub, WooCommerce, Microsoft SSMS, Microsoft Office, Google Firebase, Cypress
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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 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)

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## 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](#).

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## 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](#).

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## 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

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## 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