

## DEVIN SEBASTIAN EFENDY

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### EDUCATION

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B.S. Computer Science – Honours, *University of Manitoba*

2017 - 2022

Dean's Honour List | GPA: 4.20 / 4.50 | Major GPA: 4.25

Coursework: Data Structures and Algorithms, Analysis of Algorithms, Object Orientation

### SKILLS

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Comfortable: Java, C, HTML, CSS

Familiar: C++, JavaScript, Bootstrap

### PROJECTS

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Online Portfolio – *Personal Project*

- Designed and created a portfolio website with minimalistic/simplistic theme.
- Primarily developed using **HTML & CSS**.
- Used **Bootstrap** to create the layout of the website and **JavaScript** to add interaction

Recursive Tree Drawing – *Personal Project*

- Generated a graphical tree by implementing **recursion** using **Java**.
- Created a **realistic** recursion tree by calculating and randomizing variables.
- A different tree will be generated for each time the program run.

C Garbage Collector – *Final Course Assignment*

- Implemented a simplified garbage collector with **mark-and-sweep** algorithm in **C**.
- Implementation runs perfectly by doing **unit-testing** for each functionality during development.

Sudoku – *Final Course Assignment*

- Created a sudoku game using Processing that will generate canvas with given question.
- **Expanded** the program so that it generates a random question in every run.

### VOLUNTEER EXPERIENCE

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Indonesian Society of Manitoba, Digital Coordinator

January 2018 – Present

- Designs posters and tickets as marketing materials for event with over 400 attendees.
- Maintains and updates organization's website.
- Organizes events with other organization's boards.

International College of Manitoba, Peer Educator

June 2018 – August 2018

- Tutored students in first-year Computer Science, Mathematics, and Statistics courses.
- Emphasized on teaching the fundamental concepts of programming in Java.
- Explained and delivered key ideas clearly.

CanU - Inspire, Mentor

October 2017 – February 2018

- Mentored and encouraged elementary school students during the programme.
- Motivated elementary school students to be involved with classes and the programme.

### CLUBS

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.devClub – Discusses topics in technology and computer science.