

DINU

WIJETUNGA

SOFTWARE DEVELOPER
UW SE '25

PROGRAMMING SKILLS

Languages: Java, Kotlin, Python
MATLAB

Tools: Android Studio, Flask,
SQLAlchemy, Git, Autodesk Inventor

AWARDS & HONOURS

- Recipient of the **Gold, Silver**, and **Bronze** Levels of the **Duke of Edinburgh International Award**
- **Schulich Leader** Scholarship offer at McGill University (declined offer)
- **David Suzuki Award** for the Grade 10/11 student at Stephen Lewis SS with Extraordinary Achievements in Extracurricular Activities and Academics
- **School Champion Awards**, Waterloo Math Contests (2017/19)

EDUCATIONAL HISTORY

University of Waterloo
Software Engineering 2020-2025

Stephen Lewis Secondary School

- 98.4% Grade 12 Average
- 1540/1600 General SAT
- 800/800 SAT Math II
- 770/800 SAT Physics

HOBBIES AND INTERESTS

- **Camping** with family and on multi-day expeditions (including a 5-night dog-sledding trip)
- **Sports:** former member of high school Swimming and Cross Country teams
- **Cooking:** experimenting with different cuisines (favourite dishes are spicy ramen, stuffed peppers, and Oreo cheesecake)

References available upon request



DinuW.com



github.com/DinuWije



linkedin.com/in/dinu-wijetunga



dwijetun@uwaterloo.ca

PROFESSIONAL EXPERIENCE

Swim Instructor and Lifeguard

City of Mississauga (2018 - Present)

- Delivered **swimming and water safety lessons** to students aged 1-16
- Regularly met with parents to discuss their child's progress and give report cards
- Currently **certified in First Aid & CPR C** and National Lifeguarding

Summer Engineering Intern

Ryerson University Aerospace Team (August 2019)

- Developed **MATLAB** program to collect data on efficiency of solar panels
- Created **CAD designs** for an aircraft motor testing mount
- Helped construct fuselage of a small solar gliding aircraft

VOLUNTEERING EXPERIENCE 480 Volunteer Hours

Aspire Tutor

SafeCity Mississauga (2017 - 2020)

- Taught Math, Science, and English to elementary students from at-risk communities

International Volunteer

MEtoWE (July 2018)

- Laid the foundations for a schoolhouse in Oltepesi, Tanzania

Program Assistant

ErinoakKids Centre for Treatment & Development (2016 - 2020)

- Helped children with mental and physical disabilities gain greater independence
- Volunteering highlights: DramaWay (a full scale play), Riverwood Explorers (outdoors summer camp), Steps To Independence (a March break camp for teens)

PROGRAMMING PROJECTS github.com/DinuWije

InventoryManager

Inventory management app for small organizations

- Frontend: **Kotlin** on **Android Studio**, explored **OOP practices**
- Backend: **Flask** REST API, **SQLAlchemy** for SQLite Database (switching to Postgres)
- Technical features: Camera, CRUD operations on items, sorting items

ZombieDungeon

Grade 12 Computer Science final project: infinite explorer game

- Focused heavily on **OOP (encapsulation, abstraction, inheritance)**
- Responsible for main game mechanics (19 classes)

sPCtrum (PCHacks Hackathon 2019)

App to adjust colors for people with colorblindness

- Responsible for implementing **camera functionality** using Java/Android Studio
- Won **award for Best First-Time Hacker Group**

EXTRACURRICULAR EXPERIENCE

President (former Vice President)

Stephen Lewis SS Student Council (2016 - 2020)

- Led a team of **20 executives** to plan major school events (Semi Formal, Charity Fundraisers, Spirit Days, and other Student Events)
- Helped raise **\$45 000+** for charitable organizations over 4 years

Director of Leadership

Peel Student Presidents' Council (2018 - 2020)

- A youth-led non-profit organization serving **42 high schools**
- 2019/20: Lead organizer of a 2-night/3-day leadership retreat for **200+** students
- 2018/19: Planned General Meetings featuring guest speakers, workshops, and fun activities for **over 100** monthly attendees

SHAD Fellow, 2019