

FIONA LI-DUONG

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TECHNICAL SKILLS

Programming: Java, Spring Framework, Thymeleaf, JavaFX, SQL, MySQL, HTML, CSS, Bootstrap, Git, React

Software: Visual Studio Code, Eclipse, NetBeans, Azure Data Studio, CISCO Packet Tracer, MS Office

Other: Critical Thinking, Problem Solving, Debugging, OOP Concepts, Collaboration, Communication

EDUCATION

SHERIDAN COLLEGE

Advanced Diploma in Software Development & Network Engineering

Cumulative GPA: 4.0/4.0; Honours Standing 2021

Relevant Coursework: OO Programming Java I; OO Programming Java II; Software Design; Web

Development; Web Programming; Enterprise Java Development; Database Design and Implementation

Oakville, ON

Sept 2021 – Present

UNIVERSITY OF GUELPH

Honours Bachelor of Applied Arts in Media & Communication Studies

Toronto, ON

Sept 2016 – May 2020

PROJECTS

Grocery Shopping Cart | *Java, Spring, H2 Database, Thymeleaf, HTML*

August 2022

- Created a springboot application for online grocery order that enables users to add, update and delete items from their shopping cart
- Developed authentication and authorization routes using Spring Security to ensure user restricted pages are maintained, such as admins granted authority for admin pages and users for user pages

Matrix and Finding Sum | *Java, Spring, Thymeleaf, HTML*

June 2022

- Created a Springboot application to generate a randomized matrix from user inputted values as its dimensions, and to determine the sum of numbers surrounding a particular element
- Implemented algorithms to calculate the sum based on user specified instructions, where users may select the element and the level to be calculated – using a nested for loop and if statements with conditions to ensure counter and numbers remain within the matrix boundaries

UNO Card Game | *Java*

April 2022

- Developed an application replica of the UNO Card Game to be played within the console
- Established a stronger understanding in algorithms, OO Principles and fundamental design patterns

TEEDEE: To do List Application | *Java, JavaFX, Scenebuilder*

March 2022

- Created methods to create, read, update and delete (CRUD) items from the list, that would also save to a file on the disk and alter the file as required with the users' actions. The file would also load the saved items from the disk upon opening the application, to maintain the users' information.
- Practiced organizing and understanding software design and OO Principles by organizing files into appropriate packages, ensuring each class has its own specified purpose and task while also reducing repetitive code

EXPERIENCE

Sheridan College

Program & Course Level Tutor

Oakville, ON

August 2022 – Present

- Providing assistance to students within the Applied Computing and Sciences Programs by hosting drop-in sessions and 1-on-1 appointments to further students' understanding of course material
- Collaborating in a small team of tutors to schedule and host weekly tutorial sessions and drop-in sessions to assist students in reviewing course content, prepare for tests and assignments, and developing better study skills.