

# ISRA ELWAZIR

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## EDUCATION

The University of Western Ontario— May 2025

- A candidate for a Bachelor of Engineering Science from the Software Engineering program
- Relevant courses: Software Design, Software Construction, Data Structure and Algorithm, Scripting, Programming fundamentals

## SKILLS

- Software development using Java, JavaScript, Python, HTML, CSS, SWIFT, and SQL
- Software design using Object Oriented Programming paradigms
- Python libraries such as pygame
- Designing efficient data structures and algorithms
- Experience using version control systems such as Git
- Fundamental knowledge of core web principals such as HTTP, browsers, and the DOM
- Able to quickly adapt to new working environments and cultures
- Great at time management
- Listens actively and asks meaningful questions to communicate with people more effectively
- Creative and unconventional problem solving skills
- Achievement of required tasks individually or with a team
- Fast learner

## MAIN PROJECTS

- [Website Design](#) -October 2022- (Personal project) : A personal website designed with HTML and CSS
- [LunchT](#) - January 2023- SheHacks+ : LunchT or Lunch Together is a front-end IOS application
- [Singly LinkedList](#) -October 2022- (SE 2205A) Data Structure and Algorithm: A Java program that realizes a singly linked list as a queue and as a stack
- [Sorting Algorithms](#) - November 2022- (SE 2205A) Data Structure and Algorithm: Illustrates the speed difference between different sorting algorithms, such as Bubble sort, insertion sort and merge sort
- [Hashing techniques](#) - November 2022- (SE 2205A) Data Structure and Algorithm: Demonstrates different hashing methods
- [Array operations](#) -October 2022-(SE 2202) Scripting programming fundamentals: A program that filters desired data from a large dataset using JavaScript Array operations

## Experience

- **Home of Modern Sciences School** - September 2020 to December 2020 - **Tutor**: Gained international experience in Yemen, by being a Math, Science, and English tutor for 2nd grade students. Helped students find their learning strategy and helped them achieve better grades in these subjects

## Extra curriculars

- **Seniors in IT** - September 2022 to Present: **Member**: Went to nursing homes to help seniors with technology
- **Famine charity organization** - January 2016 to March 2020 - **Organizer**: Organized more than 10 food drives in Yemen
- **Hack Western 9** - October 2022 - **Volunteer**: Volunteered at Hack Western