

SHADI JIHA

Website <http://www.shadijiha.com>

SUMMARY OF SKILLS AND QUALIFICATIONS

Applications | GitHub • Microsoft Office • Microsoft Visual Studio • Eclipse • IntelliJ

Programming | C/C++ • C# • Java • JavaScript/TypeScript • HTML • CSS • PHP • Angular (Beginner) • React (Beginner) • Prolog • LISP • Ruby • AspectJ • UML

Languages | French - Spoken & Written • English - Spoken & Written • Arabic - Spoken & Written

Licenses & Certifications | Valid driving permit

EDUCATION

Bachelor of Software engineering – General program Co-op

2019–2023 (Expected)

Concordia University, Montreal, QC

- Member of the Institute for Co-operative Education
- Relevant Courses: **Object oriented programming, Data structure and Algorithms, Web programming, Principal of programming languages.**

DEC in Pure and Applied Sciences

2019

Cégep de Sorel-Tracy, Sorel-Tracy, QC

WORK EXPERIENCE

Beginner Software developer

June 2019–September 2019

Maison Lenoblet-du-plessis Museum, Contrecoeur, QC

- Building a small inventory system for Culture C's shop

Core Competencies: Back-end and Front-end knowledge (HTML, CSS, JavaScript, NodeJS, electron)

Website and social media manager

May 2018–September 2019

Bijouterie Hamel, Contrecoeur, QC

- Managing store's social media and interacting with clients
- Responding and keeping the store's website up to date

Core Competencies: Oral and written communication, Decision-making, Teamwork

Day Camp Leader

June 2017–August 2017

Camp de jour, Contrecoeur, QC

- Collaborate in the organization and animation of special days
- Ensures the safety of children

Core Competencies: Teamwork, Patience, Vigilance

PROJECTS

2D OpenGL renderer (Personal)

2019

- Built a 2D engine in C++ using OpenGL, GLFW, and ImGui.
 - Involved a lot of mathematics such as: Vector calculus, sorting algorithms.
 - A full sophisticated 2D engine that has a renderer, event system, etc.
- Core Competencies:** Core Matrix and Vector manipulations, Understanding computer graphics and 2D rendering, OpenGL knowledge.

Small inventory System for Culture C (Personal)

2019

- Built a Graphical user small inventory system using NodeJS, HTML and CSS.
 - Understanding how databases work, Dealing with DOM elements and Asynchronous programming.
- Core Competencies:** Critical thinking, Problem analysis, Dealing with Events.

2D HTML canvas game (Personal)

2018

- Built a 2D game using HTML5, CSS and JavaScript
- Involved a fair amount of mathematics such as: Collision detection
- Involved a lot of client-side programming such as: Dealing with DOM elements, Dealing with 2D graphics rendering, Deep knowledge in object-oriented programming.
- Involved a lot of server-side programming such as: Sockets sending and handling, Saving to databases with NodeJS

VOLUNTEER WORK

Library Organizer

August 2015-April 2016

Public library, Contrecoeur, QC

- Helped improving book searching and sorting in the public library of Contrecoeur

INTERESTS

Reading	Physics, math and programming books
Sports	Soccer, badminton
Passions	Gaming, programming, physics