

Christa Abou-Arraje

514-702-9672 | christa.arraj@gmail.com | [linkedin.com/in/christa-abouarraaj](https://www.linkedin.com/in/christa-abouarraaj) | github.com/christa-ux

LANGUAGES

French, English, Arabic

EDUCATION

Concordia University

Montreal, Qc

Bachelor of Engineering in Software Engineering,

Sep. 2023 – May 2025

- **Related Courses:** OS, Principles of Programming Languages (C, Java, Clojure, Erlang), Software Processes (Agile Development/SCRUM framework, software architectures and design patterns), Formal Methods (Common LISP, Prolog), Software testing (Android Studio, JUnit), User Interaction Design (Figma).

Concordia University

Montreal, Qc

Bachelor of Engineering in Computer Engineering

Sep. 2022 – May 2023

- **Related Courses:** Programming Methodology (C++), Data Structures (Java), Computer Organization and Software (Intel x86 assembly language), Electronics (Diodes, MOSFET, BJT).

Lebanese American University

Byblos, Lebanon

Bachelor of Engineering in Mechatronics Engineering

Sep. 2020 – May 2022

- **Related Courses:** Computer Programming (Java), Computer Proficiency (Word, Excel, PowerPoint, HTML).

College Notre-Dame de Jamhour

Baabda, Lebanon

PROJECTS

Condo management web-app | *ReactJS, NextUI, .NET core, Microsoft SQL, Jira, Figma*

Present

- * Building a condo management web-app for owners and renters of a condo. It's a university project with my team of 10.
- * Nice, included features: dashboard for users to track payments and submitted requests, reservation system for common facilities on a first-come first-served basis, etc.

Smart Home Simulator | *JavaScript, Java, JUnit*

Present

- * Building a simulator for a smart home system. It controls all areas of the house from temperature to closing windows and edit family profile. It's a university project, with my team of 5.
- * Nice, included features: profile for each family member, with restrictions for children, output console that prints the last command made and by which person, view of each room

Personal Website | *HTML5, CSS3, Bootstrap5 JavaScript*

Present

Real-Estate Web Application | *Bootstrap5, PHP, MySQL (XAMPP)*

Sep. 2023–Dec. 2023

- * Built a standard real-estate web application with my team of 6 during the “Software processes course at Concordia University. The purpose of the project was to focus on using the SCRUM framework of the Agile methodology.
- * I worked on the “favorites” feature, the CRUD operation for properties, designed most of the website including the homepage and the properties page.
- * Nice, included features: adding a property to “favorites”, filter option in the search process, adding a built-in calculator to calculate mortgage, contacting brokers for guidance, etc.

Simpsons Guessing Game | *HTML5, CSS3, JavaScript*

Oct. 2023

- * Developed a web-based Simpsons-themed game that makes the user guess a random number between 1 and 10.

Smart Toilet | *Altera Quartus2, soldering*

Oct. 2021 – Dec. 2021

- * Built a simulation of a smart public bathroom with my team of 5 as our final project for the “logic design” course at the Lebanese American University.

WORK EXPERIENCE

Marker, Concordia University

Jan. 2024 – Present

Concordia University

Montreal, Qc

* -Marks assignments and midterms for “Formal methods in Engineering” course, covering topics from state machines to programming in common LISP and Prolog.

Sales Associate

June 2023 – Present

Dollarama

Montreal, Qc

Private Tutor

Sep. 2018 – Present

AWARDS AND CERTIFICATIONS

Learn C++ Programming

Apr. 2023

Abdul Bari

Udemy

HTML, CSS, JavaScript for Everyone

May 2023

John Hopkins University

Coursera

AI For Everyone

Apr. 2021

DeepLearning.AI

Coursera