Christa Abou Arraje

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LinkedIn (https://www.linkedin.com/in/christa-abouarraj/**)**
GitHub (https://github.com/christa-ux**)**

SUMMARY OF SKILLS AND QUALIFICATIONS

Operating Systems | Windows 7, 10, 11• MacOS• Linux

Applications | Microsoft Office (Word, Excel, PowerPoint) •AutoCAD• Notion• Altera Quartus 2• GitHub• Octave • Canva• MATLAB

Programming | C++• Java• HTML5• CSS3• Bootstrap5• Clojure• C• Python

Languages | French (Spoken & Written) • English (Spoken & Written) • Arabic (Spoken & Written)

EDUCATION

Bachelor of Engineering – Software Engineering   **2023- 2025 (Expected)**
Concordia University, Montreal, QC
Major courses: Operating Systems**,** Principles of Programming Languages (C, Python, Clojure, Erlang)**,** Software Processes (Agile Development, architectural design patterns), Formal Methods (Common LISP, Prolog), Discrete Mathematics

Bachelor of Engineering – Computer Engineering Co-op   **2022- 2023**
Concordia University, Montreal, QC
Major courses: Programming Methodology (C++), Data Structures (Java), Digital Systems Design 1, Computer Organization and Software (Intel x86 assembly language), Electronics (Diodes, MOSFET, BJT), Engineering Economics and Project Management.

Mechatronics Engineering   **2020-2022**
Lebanese American University, Byblos, Lebanon
Major courses: Computer Programming (Java), Computer Proficiency (Word, Excel, PowerPoint, HTML), Engineering Graphics (AutoCAD), Statics, and Dynamics.
Associations:
-Member of Artificial Intelligence Club   **2020-2022**
-Member of GDSC (Google Developer Student Club)   **2021-2022**

French Baccalaureate in Life Science   **2020**
College Notre Dame de Jamhour
- Was a key member of the basketball team   **2013-2019**
- Won the best PowerPoint presentation   **2012**
- Volunteer of the CAS (Comit D'action Sociale)
  -Fondation Albert Nassar   **2015-2016 and 2017-2018**
  -Libami   **2016-2017**
  -AFEL (Association du Foyer de l'Enfant Libanais)   **2018-2019**

WORK EXPERIENCE

Sales Associate, Dollarama   **June 2023-Present**
-Demonstrate a keen attention to detail and mathematical accuracy.
-Proven ability to effectively communicate with a diverse clientele and maintain a positive demeanor.

CO-OP

UNIVERSITÉ
Concordia
UNIVERSITY

INSTITUTE FOR
CO-OPERATIVE EDUCATION

Private Tutor   **January 2022– present**
-Tutors Physics and Math at high school and University level

Shadowing, The Smallville Hotel   **July 2017**
-Observed logistic processes at the front desk and the back office (room reservations, answering calls, etc.).
-Assisted the bartender in making fancy cocktails and was involved in making croissants for the breakfast buffet.
-Spent a day managing between the HR and the housekeeping department.

PROJECTS

Real-Estate Web Application   **December 2023**
- Build a real-estate web app having all standard functionalities (searching for properties and filtering, adding to "favourites" after signing in, contacting brokers, booking visits, CRUD on brokers and properties, …).
- Was the SCRUM master of our team of 6.

Core Competencies: HTML5, CSS3, Bootstrap5, JavaScript, MySQL, SCRUM (Agile) methodology

Portfolio Website   **Present**
Core Competencies: HTML5, CSS3, Bootstrap5, JavaScript

Simpsons Guessing Game   **Present**
- Working on a web-based Simpsons-themed game that makes the user guess a number between 1 and 10 generated by the computer.
- **Core competencies**: HTML5, CSS3, JavaScript

Public Bathroom   **2021**
- Built a prototype of a smart bathroom with teammates as the final project for the logic design course at the Lebanese American University. It was assembled on a breadboard using several integrated circuits, and LEDs.
- **Core Competencies:** soldering, time management.

AWARDS, DISTINCTIONS & EXTRA COURSES

Learn C++ programming, Abdul Bari   **April 2023**
The course covered the following:
- Basics of programming (Datatypes, loops, functions, arrays, pointers, …)
- Object Oriented programming (Constructors/Destructors, inheritance, polymorphism, abstraction, I/O stream, exception handling, Templates, …)

Notion Masterclass, Ali Abdaal   **April 2023**
HTML, CSS, JavaScript for Everyone, John Hopkins University   **May 2022**
- Skills acquired: HTML5, CSS3, Bootstrap5
- Was briefly introduced to JavaScript and the GitHub platform.

AI For Everyone, DeepLearning.AI   **April 2021**
Some of the concepts covered in this course:
- Terminologies within Artificial Intelligence (Machine Learning, Deep Learning, Artificial Neural Networks, Supervised vs Unsupervised Learning, …)
- Advantages and disadvantages of using AI in a company, and its impacts on society (what AI can and cannot do, and how this impacts our society)

Introduction to Computer Science, Harvard University   **July 2020**
The course covered the following:
- Introduction to Scratch and several coding languages (C, Python, HTML, …)
- Introduction to the fundamental concepts of programming (Datatypes, Arrays, data structures, …)