

Adam Makaoui

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Summary of Qualifications

Languages	Software Tools	Technical Skills	Soft skills
<ul style="list-style-type: none">• Java• HTML/XML• JSON• SQL• Python• C	<ul style="list-style-type: none">• Linux terminal• Servers & VMs• Git/Version control• Docker• APIs/REST• Databases	<ul style="list-style-type: none">• Code Debugging• OOP & OOD• Documentation• Scripting (Bash/Py.)• Software Testing• Data Structures	<ul style="list-style-type: none">• Attention to detail• Quick Learning• Problem Solving• Communication• Collaboration & Teamwork• Research & Self-Learning

Education

Majoring in Computer Science (Software Engineering Specialization) (Year 3) 2019 – 2020
University of Victoria, Victoria, BC

- Coursework: Data Structures & Algorithms, Databases, Software Engineering, Computer architecture.

Economic Analysis & Computing (Interdisciplinary Studies) 2014 – 2018
Western University, London, ON

- Coursework: Systems programming, Web design, Data Visualization, Finance/Economics, Mathematics.

Relevant Experience

Software Engineer – Nokia (Ottawa, ON) Sept 2019. – Dec. 2019

- Delivered upgrades to the patch page by working on the legacy code of the patch system in Perl, html.
- Developed features and fixes for an XML to JSON software code converter tool.

Software Documenter – Lumberworld (Victoria, BC) June 2019 – Aug. 2019

- Documented the code base by providing the purpose, framework, structure, functionality, and tools used for the swift project, an online market place.
- Performed error checking and formatting before exporting the code into a word document for printing.

Hackathon Event Staff – Hack Western (London, ON) Nov. 2018

- Articulated the hackathon event handling the front stations, aiding 700+ participates.
- Took a leadership role managing 3 other Event Staff in the implementation of a framework I suggested.

Computer & Office Assistant – Western University (London, ON) July 2018 – Aug. 2018

- Installed all hardware and maintain and updated software for 80+ PCs for two labs in under a week.
- Articulated tests on all machines for bugs and faults, 3 software & 2 hardware faults were identified.

Personal Projects

GitHub: github.com/Attar96 | Website: attar96.github.io/

- **Dicee** is a mobile application which simulates dice rolls. There are two dice on the screen and each of them (images) are updated based on the randomly generated numbers. May 2019
- **Personal Website** is my own website created entirely in HTML. It serves as a basic portfolio source to gain information about myself. It contains audio, images, hyperlinks, and other HTML components. April 2019
- **SecretMessageApp** is a mobile application which encodes a string of text by using the Caesar's cipher method of shifting each letter by a factor. The encoded text can be decode using the same key used to scramble it.
- **RecordStack** is a desktop software used to store and manipulate data. RecordStack allows the user to insert, delete, find, and display all records and the number of contents contained in it. Dec. 2018
- **Ticktacktoe** is a classic game which includes an interactive GUI and AI. The difficulty & size of the board can be adjusted. A toggleable option exists to play the game even after a tie by moving blocks around.

Achievements, Certification, and Training

- **Udemy**: Completion of Android Development and Unity game design course.
- **SoloLearn**: Completion of Java, C, HTML courses.
- Certificate of Academic Engagement (Western University, 2018)

UVic Co-op Program