Adam Makaoui

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Summary of Qualifications

Languages	Software Tools	Technical Skills	Soft skills
• Java	• Linux terminal	• Code Debugging	• Attention to detail
• HTML/XML	• Servers & VMs	• OOP & OOD	• Quick Learning
• JSON	• Git/Version control	• Documentation	• Problem Solving
• SQL	• Docker	• Scripting (Bash/Py.)	• Communication
• Python	• APIs/REST	• Software Testing	• Collaboration & Teamwork
• C	• Databases	• Data Structures	• 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.
- Toke 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/Adam-Makaoui | Website: github.com/Adam-Makaoui

- ***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