

AHMAD AL-JABBOURI

[GitHub](#)

SUMMARY OF ASSETS

- Learned the **Agile** and **SCRUM** development framework.
- Skilled in **Java** and strong understanding of **object-oriented design**, data structures, algorithms, and patterns
- Created and used my own set of tests using **JUnit**.
- Fluent in both **English** and **French**, Intermediate in Arabic
- Developed a strong understanding of the importance of **cooperation** and **teamwork** in achieving organizational efficiency through military experience.
- **Excellent work ethic**, Exceptional in communication and writing, reliable employee, Adaptable to the team dynamic.
- Demonstrated excellent **analytical** skills and **mathematical problem-solving** skills thanks to STEM background.
- Skilled in **COBOL**.
- Acquired familiarity with **Python**.
- Experienced in creating mobile applications.
- Experienced with web development: **HTML**, **CSS**, **JavaScript**, **PHP**.
- Gained experience with **SQL** and experienced with writing queries.
- Experienced in **version control (Git)**: committing changes, branching, merging, and pushing to repositories.

ACADEMIC AND PERSONAL SOFTWARE PROJECTS

[Multi-Column List Component](#)

July 2023

- Developed a multi-column list component as part of a larger project.
- Utilized OOP concepts, including constructor overloading and encapsulation.
- Implemented the builder pattern to enable method chaining for adding items to the list.
- Employed variable arguments parameter to create a flexible list constructor.
- Demonstrated polymorphism by overloading the add method to accept both single and multiple items.
- Utilized composition by managing data using ArrayLists for items and status.

[Portfolio Website](#)

April 2023

I designed and developed a Portfolio Website using **HTML**, **CSS**, and **JavaScript**, gaining a solid understanding of web development fundamentals. The project allowed me to refine my skills in structuring web pages, applying styling and layout techniques, and enhancing interactivity for an engaging user experience.

Unit converter with strategy design pattern (Java)

I developed a Java Unit Converter using the Strategy Design Pattern, effectively demonstrating the use of OOP concepts like interfaces, encapsulation, and modular design. This project showcased my proficiency in Java programming and resulted in a robust and flexible unit converter capable of handling diverse conversions.

Java JDBC app with data access object for CRUD operations

I developed a Java JDBC app with DAO implementation for CRUD operations, showcasing proficiency in database manipulation, JDBC, and modular design. I achieved efficient data management and code reusability through the separation of concerns using the DAO pattern.

PROGRAM-RELATED SKILLS

- **Programming Languages**
 - Java, Python, PowerShell, COBOL, SQL, JavaScript, PHP, Batch, Bash/Shell, TI-BASIC
- **Markup Languages**
 - HTML/CSS, XML, Markdown, LaTeX
- **Operating Systems**
 - Linux, Android, Windows
- **Database Management Systems**
 - MySQL, MS Access, Oracle, PostgreSQL, SQLite, MongoDB, SQL Server
- **Development Tools**
 - Eclipse IDE, NetBeans, Git, Visual Code Studio, MS Office suite, Android Studio
- **Other**
 - Visual Basic (for MS Excel), PowerAutomate

EDUCATION

Computer Programming (Co-Op)

Algonquin College of Applied Arts and Technology

September 2022 – August 2024

- Cumulative GPA: 3.92/4.00 (Dean's Honour List)

Bachelor of Science With Minor in Physics

University of Ottawa

2019 - 2022

Natural Sciences

Heritage College

2016 - 2018