

Dalia Betinjaneh







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PROFILE

Mathematics, Statistics, and Computer Science student passionate about problem-solving and coding. Fast-learner and adaptable; having lived in Syria, Belgium, Greece, Lebanon, and Canada. Proficient in 4 languages. Loves learning and is driven by challenges with a deep enthusiasm for math and programming.

SKILLS

- Java, Python, C++, C, HTML, CSS, MySQL, GitHub, Mathematica Software, Maple Software, Eclipse, Excel
- · Languages: Fluent in French and English Proficient in Arabic and Greek

EDUCATION

Concordia University, Montreal, QC

2021-present

- B.Sc. in Mathematics and Statistics, Minor in Computer Science
- Relevant courses: Probability, Statistics, Optimisation, Object Oriented Programming, Discrete Math, Mathematical Modeling, Investment Math, Linear Algebra I&II, Multivariable Calculus I&II, Ordinary Differential Equations, System Hardware, Data Structures & Algorithms, Advanced Design in C++, Web Development, Analysis.

Grand Lycée Franco-Libanais de Beyrouth (Lebanon)

2019-2021

· French Baccalaureate in mathematics, life and earth science, physics, and chemistry with Highest Honors.

PROJECTS

Risk/Warzone Video Game (C++) - ongoing project

- Created a video game copying exactly https://www.warzone.com/ using C++. The game simulates RISK.
- Collaborating as a team to implement map and cards management, player actions (defense, attack, orders), territory allocation. Focused on the Player class, managing territories, orders and cards.

Service Company Web System (HTML, CSS, JavaScript) - https://github.com/daliabtnj/web_program.git

• Front-end of a web-based system where clients can manage accounts, request services, view bills/receipts, while business administrators can manage service offerings and track customer interactions. (on-going)

Cellular Network (Python) - https://github.com/daliabtnj/cellular-network.git

- Python program to analyze cellular network coverage from JSON file and display stations statistics.
- Calculated coverage areas, max coverage points, and identified the nearest antenna for uncovered spots.

Bookstore Tracking System (Java) - https://github.com/daliabtnj/bookstore-tracking-system.git

- Implemented a Java program for efficient inventory management in bookstores.
- Features include adding new books, updating information, and searching by author or price.

Cell Phone List Management Program (Java) - https://github.com/daliabtni/cellphone-management-program.git

- Java program for managing Cell Phone data, ensuring efficient storage and retrieval.
- Developed operations for versatile manipulation of Cell Phone lists.

EXTRACURRICULARS

Google Developers Student Club (GDSC)

- Director in coordination in GDSC Concordia.
- GDSC is a university-based group for students interested in technology, especially from Google.

Model United Nations (MUN)

- MUN extra-curricular at Lycée Francais Nahr Ibrahim and Grand Lycée Franco-Libanais de Beyrouth.
- Selected for Athens MUN international conférence and presented in front of two hundred students.

Interests: Rubik's Cubes and Speedcubing, Running, Skiing, Piano, Baking, Sewing, Drawing, Traveling