

# 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.

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## SKILLS

- Java, Python, C++, C, HTML, CSS, JS, MySQL, GitHub, Mathematica Software, Maple Software, Eclipse, Excel
  - Languages: Fluent in French and English - Proficient in Arabic and Greek
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## 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++, Mathematics for CS, 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.
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## PROJECTS

### Portfolio Website (HTML, CSS, JavaScript) - <https://github.com/daliabtj/Portfolio-Website.git>

- Developed a responsive and interactive portfolio website using HTML, CSS, and JavaScript
- Showcases projects, education, and interests with a user-friendly design, accessible on all devices.

### Risk/Warzone Video Game (C++) - *code can be made available upon request*

- 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 and Orders class, managing territories, orders and cards.

### Service Company Web System (HTML, CSS, JS, Node.js) - [https://github.com/daliabtj/web\\_program.git](https://github.com/daliabtj/web_program.git)

- 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/daliabtj/cellular-network.git>

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

### Bookstore Tracking System (Java) - <https://github.com/daliabtj/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.
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## 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.
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**Interests** : Rubik's Cubes and Speedcubing, Running, Skiing, Piano, Baking, Sewing, Drawing, Traveling