

About Me

Experienced Mathematics Educator & EdTech Innovator | Based in Montreal, Canada

Professional Summary

I am a passionate educator with over 20 years of experience in teaching, curriculum development, and technology integration. I hold a Master's in Teaching Mathematics from Concordia University, where I specialized in integrating tech into learning. I've worked in Canada, the UAE, and Lebanon, teaching everything from high school to university-level math, and I'm currently developing tools to enhance cognitive thinking through AI and game-based learning.

Current Roles

- Math Tutor at Varsity Tutors & Qin Academy
- Substitute Teacher at Kells Academy & Sir Wilfrid Laurier School Board
- AI Math Reviewer at Outlier.ai
- Founder, [BD NeuroLabs](#) – developing educational tools & games

Key Achievements

- Supervised award-winning interactive math websites in UAE & Stockholm Challenges
- Created math e-learning platforms and taught using Moodle, MyMathLab, Webassign
- Researcher in Mersenne Prime Numbers and AI-alphabet structures
- Owner of Montreal Rubik's Cube Club – teaching logic through speedcubing

Education

- M.A. in Teaching Mathematics – Concordia University (GPA 3.63)
- B.A. in Mathematics + Teaching Diploma – American University of Beirut (AUB)
- Quebec Teaching Permit – Valid until 2034

Tech & Research Projects

- [UAE Math Project](#)
- [Mersenne Prime Research](#)
- [Engineering of Alphabets](#)
- [Math Video Lessons on YouTube](#)

Skills

- Curriculum Design & Math Instruction (Grades 9–12, University)
- Technology Integration in Education
- AI Model Training (ChatGPT, Gemini, Grok)
- Languages: English, Arabic, French

Hobbies & Interests

- Solving Rubik's Cubes (2x2–7x7, Pyraminx, Megaminx)
- Tennis & Solo Tennis with Two Balls
- Educational Game Design & Cognitive Strategy Research

Contact

- Email: [bdarghamneurolabs\(at\)gmail.com](mailto:bdarghamneurolabs(at)gmail.com)
- LinkedIn: [B. Dargham Profile](#)
- YouTube: [Math Tutor Channel](#)
- Facebook (Math Group): [Ask Merlin Math Group](#)
- Facebook: [Rubik's Cube Club Montreal](#)
- Site: [bdarghamneurolabs](#)

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