

Ayk Tchelderian

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EDUCATION

Lebanese American University – B.S. in Computer Science

Aug 2024 – Present

- CGPA: 3.88/4.0
- Placed on the Distinction List for three semesters
- Tutored a math course (“Calculus III”) as part of the university’s Academic Success Center (*Spring 2026*)
- Tutored an introductory programming course (“Introduction to Object Oriented Programming”) as part of the university’s Academic Success Center (*Fall 2025*)
- Current treasurer of the university’s Armenian Club

42 Beirut

Oct 2025 – Present

- Completed the first major milestone from the Core curriculum
- Successfully completed the one month-long Piscine (entrance exam) (*Jul 2025 – Aug 2025*)

Boghos K. Garmirian School (AGBU Schools)

Sep 2018 – May 2024

- Completed grade 12 General Sciences section (*Bacc: 18/20*)

EXTRACURRICULAR EXPERIENCE

Lebanese American University (LAU)

- Participated in LAU’s math and coding competition, received a Participation Award (*May 2024*)
- Participated in LAU’s Model European Union (MEU) (*Oct 2022 – Feb 2023*)

Haigazian University Coding Competition

Feb 2024 – Mar 2024

- Ranked second place in Haigazian University’s coding competition

AGBU-AYA Antranik-Antelias Scouts’ Movement

Oct 2013 – Oct 2023

- Was an active member for ten years (2013-2023)
- Patrol leader for two years (*Oct 2021 - Oct 2023*)

SELECTED PROJECTS

Hamra Walking Guide (Java / Eclipse)

Nov 2025

- Implemented a simple walking guide using Dijkstra’s algorithm for shortest path computation in Java
- <https://github.com/Ayk-12/hamra-walking-guide.git>

Drone Delivery Database (SQL / MySQL)

Nov 2025

- Wrote a variety of basic and advanced SQL queries for a network of drones while maintaining database integrity including accuracy, consistency, and completeness of data
- <https://github.com/Ayk-12/drone-delivery-database.git>

Libft (42 Beirut) (C / Linux)

Oct 2025

- Created a custom C library “libft.a” that reimplements commonly used standard C library functions
- <https://github.com/Ayk-12/42-milestone0-libft.git>

Graphing Calculator (Python / Visual Studio Code)

Sep 2024

- Made a visual graphing calculator in Python that supports adding, removing, and saving mathematical functions, as well as creating custom functions
- <https://github.com/Ayk-12/graphing-calculator.git>

SKILLS & PERSONAL

Languages: Armenian (native), Arabic (native), English (proficient), French (intermediate), Russian (basic)

Programming Languages: Python, Java, C, C++, C#, SQL

Tools & Technologies: Office Package (Word, Excel, PowerPoint, Access, etc.), HTML, JSON, Git, Github, Linux, Eclipse, MySQL, Godot, Unity, Android Studio, Tableau

Soft Skills: collaboration, communication, time management, problem solving, teamwork