

Mohamad Hani Alwaw

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EDUCATION

- American University of Beirut (AUB), Beirut, Lebanon** Aug. 2022 – May 2025
- Bachelor of Sciences in Physics
 - Minor in Applied Mathematics
 - Worked on a project in Summer Research Experience in Physics 2023 with Physics Department
 - Recipient of USAID and Qatar scholarships – Awarded for academic excellence and leadership
- American University of Beirut (AUB), Beirut, Lebanon** Aug. 2025 – present
- Master of Sciences in Computational Sciences
- SE Factory, Lebanon** May 2024 – Aug. 2024
- Diploma in Computer Science Fundamentals

EXPERIENCE & VOLUNTEERING

- Scientific Flashlight, Co-founder & Content Creator – Youtube** Jan. 2019 – present
- Created science content (math & physics) to simplify concepts for students.
 - Grew the channel to 600K+ subscribers.
- Arabic Students Society, President – AUB** Aug. 2024 – present
- Reactivated the club after two years of inactivity by forming a new team and launching events to engage Arabic language enthusiasts on campus.
- Offerjoie, Volunteer – Beirut, Lebanon** Oct. 2021 – present
- Volunteered into many projects including reconstruction and cleaning affected areas due to Beirut explosion, food distribution to poor areas, and reconstruction in boomed areas due to the war.
- The Digital School, Content Creator – UAE (online)** Feb. 2024 – Dec. 2024
- Created digital content (PPT files, lesson plans, quizzes, assignment, videos...) for different educational curriculums for The Digital School.
 - Worked with different countries' curriculums (Jordan, Mauritania, Iraq)
- AUB, Volunteer – Beirut, Lebanon** Jun. 2024
- Assisted in logistics and offered guidance for parents and students during the ceremony.
- British Languages System Center, Trainer – Ersal, Lebanon** Aug. 2023 – Nov. 2023
- Introduced young students to the field of programming and taught the basics using Java.
- USAID Scholarship, Volunteer – Beirut, Lebanon** Jun. 2021 – Jun. 2023
- Supported logistics and organization during open days for scholarship applicants shortlisted by USAID.
 - Delivered informational sessions in multiple schools to raise awareness about the scholarship and guide students through the application process.
- HAND organization, Arabic & Physics Teacher – Aramoon, Lebanon** Sep. 2022 – Jun. 2023
- Taught Arabic & physics for grade nine Syrian refugee students who are unable to attend public or private schools in afternoon shifts.
- Profuturo, Volunteer Math and sciences Teacher Assistance – Beqaa, Lebanon** Sep. 2022 – Jan. 2023
- Assisted math and sciences Teachers in refugee camps in using tablets connected to the offline platform.
 - Made children love school and learning.
- Sawa Rbiyna, Trainer – Ersal, Lebanon** Sep. 2022 – Jan. 2023
- Trained young refugees in programming, CV writing, public speaking, and scholarship application skills.
 - Aimed to equip participants with essential tools for academic and career development.
- Lebanese Modern School, Physics Teacher – Ersal, Lebanon** Dec. 2021 – Sep. 2022
- Taught physics for grade nine Syrian refugee students who are unable to attend public schools in

afternoon shifts.

WORKSHOPS & PROGRAMS

Digital Teacher 2023 (Arizona State University & The Digital School)

Humanitarian Aid: Global Perspectives and Local Practices 2024 (CCECS AUB)

Introduction to IT (USAID Scholarship)

Social Media Fundamentals (USAID Scholarship)

Story-Making and Multimedia Techniques (USAID Scholarship)

Public Speaking (USAID Scholarship)

Reflective Writing (USAID Scholarship)

E-portfolio (USAID Scholarship)

Conflict Management (USAID Scholarship)

CV Writing (Qatar Scholarship)

Public Speaking (Al Jazeera)

Design Thinking Training (UNICEF & The Nawayya Network)

Business Development Training (UNICEF & The Nawayya Network)

SKILLS

Languages: Arabic (Native), English (Fluent).

Tools: MS Office, Microsoft, Python, Java, MATLAB, Photoshop.