

# Ali I. Awdeh

BACKEND DEVELOPER · COMPUTER COMMUNICATION ENGINEERING STUDENT

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“Be the change that you want to see in the world.”

## Education

### Antonine University

Baabda, Lebanon

B.S. IN COMPUTER COMMUNICATION ENGINEERING

Sep. 2020 - Jun. 2026

- Focused on software development, network systems, and technology, learning from knowledgeable professors.
- Contributed to projects involving automation and backend development, gaining practical experience.
- Developed a foundational understanding of emerging technologies through hands-on learning and guidance from experienced mentors.

## Skills

Backend Development	TypeScript, Node.js, Express, Python, MySQL, Firebase, REST API
Scripting & Automation	Python, Bash, JavaScript, OS Deployment, Task Automation
DevOps & Server Management	Nginx, AWS, Docker, Linode, Server Hosting, Domain Management
Blockchain & DeFi	Smart Contracts, Tokenomics, Decentralized Applications (DApps)
Languages	Arabic, English, French

## Experience

### Esri Lebanon

Beirut, Lebanon

BACKEND DEVELOPER INTERN

Jul. 2024 - Aug. 2024

- Developed the database and backend for the Training Management System (TMS) using TypeScript and Express.
- Implemented administrative tools for managing training sessions and tracking trainee progress.
- Optimized backend processes for scalability and efficiency, handling large datasets seamlessly.

### Esri Lebanon

Beirut, Lebanon

AUTOMATION AND SCRIPTING INTERN

Jul. 2023 - Aug. 2023

- Automated various processes and workflows using Python and JavaScript, improving system efficiency.
- Developed scripts to streamline internal operations, reducing manual intervention.
- Collaborated with teams to integrate automated solutions into existing infrastructures.

### Senal Crypto

Beirut, Lebanon

COO & LEAD DEVELOPER

Aug. 2021 - Aug. 2022

- Oversaw the company's transition to a focus on blockchain and DeFi, leading development efforts.
- Implemented security protocols and smart contract audits to ensure project integrity and client trust.
- Managed a cross-functional team, driving innovation in blockchain solutions and tokenomics.

## Extracurricular Activities

### Village Community Center

Lebanon

TECHNOLOGY EDUCATOR

Ongoing

- Teach young children in the village how to use laptops, fostering early technology skills.
- Organize regular sessions to help children become comfortable with basic computer operations and software.

### Village Clean-Up Initiatives

Lebanon

COMMUNITY VOLUNTEER

Ongoing

- Participate in cleaning and maintaining the streets and valleys of my village, contributing to environmental preservation.
- Organize clean-up events and engage with the community to promote environmental awareness.

## Patents

## Ali Awdeh

Beirut, Lebanon

SWC - SMART WIND CONTROLLER

2017

- Developed an innovative controller for wind turbines that extends their life from 3 years to 17 years on wear and tear account

## Ali Awdeh

Beirut, Lebanon

M-GUN - MAGNETIC GUN

2017

- Invented a versatile gun mechanism designed for multiple applications as a proof of concept, offering a new perspective on the effects of magnetic fields on metal projectiles

# Honors & Awards

## INTERNATIONAL

2023	<b>Gold Medal</b> , Geneva International Invention Exhibition	Geneva, Switzerland
2023	<b>Gold Medal</b> , IIFME International Invention Fair of the Middle East	Kuwait City, Kuwait
2022	<b>Gold Medal</b> , IENA International Trade Fair Ideas - Inventions - New Products	Frankfurt, Germany
2018	<b>Gold Medal</b> , Geneva International Invention Exhibition	Geneva, Switzerland
2017	<b>Bronze Medal</b> , IENA International Trade Fair Ideas - Inventions - New Products	Frankfurt, Germany
2017	<b>Silver Medal</b> , IIFME International Invention Fair of the Middle East	Kuwait City, Kuwait
2017	<b>Hag Award</b> , German Invention Association (HAG)	Frankfurt, Germany
2016	<b>Bronze Medal</b> , SIIF Seoul International Invention Fair	Seoul, South Korea

## DOMESTIC

2016	<b>Gold Medal</b> , Moubarat Al Ouloum	Beirut, Lebanon
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# Presentation

## Arab Youth Festival

Organized by the Arab Youth Council

OPENING SPEAKER

July 2023

- Delivered the opening speech at the Arab Youth Festival, attended by ministers and representatives from all Arab nations.
- Highlighted my excellent communication and public speaking skills while addressing a diverse international audience.

## Meet and Greet with Lebanese Inventors

Organized by the Ministry of Culture  
and the Land of the Creative

SPEAKER

Beirut, Lebanon

- Spoke to an audience of 1000 Lebanese students on how to innovate and create opportunities in existing projects.
- Received multiple awards for contributions to innovation and creativity.
- Participated in several interviews discussing new technologies and inventions.