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From: Palestine

“Dreams come true as long as we trust in God and persevere, so never stop.”



Achievement journey

LET'S GET STARTED!



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WELCOME TO THE WORLD OF PASSION AND CREATIVITY !!

سُورَةُ الْجَاثِيَّةِ

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

يَا أَيُّهَا الَّذِينَ ءَامَنُوا إِذَا قِيلَ لَكُمْ تَفَسَّحُوا فِي الْمَجَlisِ فَافْسَحُوا
يَفْسَحَ اللَّهُ لَكُمْ وَإِذَا قِيلَ أُشْرُزُوا فَانْشُرُوا يَرَفَعَ اللَّهُ الَّذِينَ
ءَامَنُوا مِنْكُمْ وَالَّذِينَ أُوتُوا الْعِلْمَ دَرَجَاتٍ وَاللَّهُ بِمَا
تَعْمَلُونَ خَبِيرٌ ۝



ACADEMIC STAGE

DESCRIPTION

01

My academic journey was exceptional, as I combined theoretical education with practical application whenever possible. This approach nurtured my leadership, innovation, and learning skills, reinforcing my belief that education is a lifelong journey.

SCHOOL AVERAGE

02

Throughout my academic years, my performance remained consistently high, achieving grades above 97% in most subjects, as education is a continuous journey that never ends. This reflects my dedication and passion for learning

SCHOOL ACTIVITIES

03

I participated in many local, national and international competitions and contests and represented my country Palestine and my school in scientific and literary forums, which reflected in me the spirit of leadership, managing tasks and facing challenges bravely.

FUTURE ASPIRATIONS

04

After achieving academic excellence in school, I eagerly look forward to beginning my university journey, filled with passion, competition, and further academic achievements, God willing.

TECHNICAL SKILLS

01

Scientific Research & Innovation

- Designing and conducting scientific experiments
- Writing and publishing research papers
- Data collection and statistical analysis
- Problem identification and hypothesis testing

02

Artificial Intelligence & Machine Learning

- Advanced deep learning and neural network development
- AI model training and optimization
- Computer vision and natural language processing (NLP)
- AI integration into robotics and IoT systems

03

Embedded Systems & Internet of Things (IoT)

- Microcontroller programming (Arduino, Raspberry Pi, ESP32)
- IoT-based system design and development
- Integration of sensors and real-time data processing
- Wireless communication protocols (Bluetooth, Wi-Fi, LoRa)

04

Robotics & Automation

- Development of autonomous systems
- Robot programming and control
- 3D printing and hardware prototyping
- AI-driven robotic applications

05

Mobile App Development

- Cross-platform development (Flutter, React Native)
- UI/UX design and mobile optimization
- API integration and backend connectivity
- Real-time data processing in mobile applications

06

Full-Stack Web Development

- Frontend: HTML, CSS, JavaScript (React, Angular, Vue.js)
- Backend: Node.js, Django, Flask
- Database management: MySQL, PostgreSQL, MongoDB
- RESTful APIs development and cloud deployment

07

Data Science & Analytics

- Data preprocessing and visualization
- Statistical modeling and predictive analytics
- Python for data science (Pandas, NumPy, SciPy, Matplotlib)
- Big data handling and cloud computing

SOFT SKILLS

01 Problem-Solving & Critical Thinking

- Logical reasoning and analytical skills
- Troubleshooting and debugging complex systems
- Creative approach to technical challenges

02 Leadership & Teamwork

- Leading multidisciplinary teams and projects
- Effective communication and conflict resolution
- Mentorship and knowledge dissemination

03 Public Speaking & Presentation

- Delivering technical talks and presentations
- Effectively engaging audiences in competitions and conferences
- Writing and storytelling, including novels, poetry, and articles

04 Literary Creativity & Writing

- Highly proficient in writing novels, poetry, and short stories
- Strong storytelling abilities with an artistic and expressive style
- Passionate reader with extensive knowledge across various literary genres
- Effective at conveying complex ideas through compelling narratives

05 Project Management

- Agile methodologies (Scrum, Kanban)
- Time management and task prioritization
- Documentation and reporting for projects

06 Multilingual Communication

- Arabic (Fluent)
- English (Fluent)
- Spanish (Basic)

EXPERIENCE

STUDENT PARLIAMENT PRESIDENT

For nearly three years, I was elected by regional school parliament leaders as the Head of the Student Parliament for the Education Directorate. With my team and school supervisors, we identified student issues and implemented a strategic plan to address psychological, educational, environmental, and extracurricular challenges to the best of our ability.

01.

QABATIYA EDUCATION DIRECTORATE TRAINING

For nearly three years, I participated in high-level, intensive training accumulating approximately 250 hours with the Education Directorate's central team. The training covered various fields, including artificial intelligence, robotics, the Internet of Things, and robotic design

02.

PURPOSE COMPANY TRAINING

A programming training that lasted for about two months, during which skills were acquired in manufacturing robots, programming them in Python, dealing with Raspberry Pi, and equipping them with artificial intelligence technologies.

03.

MEMBER OF THE PALESTINIAN MINISTRY OF CULTURE

A member of the Palestinian Ministry of Culture (Jenin Branch), serving as a literary critic and poet. I have carried out many activities and ideas that serve the Palestinian community, specifically children and young creatives, in cooperation with my team in the ministry.

04.

MEMBER OF TAMER INSTITUTE FOR COMMUNITY EDUCATION

An active member of the Palm Team at Tamer Institute for Community Education, where my team and I organized numerous workshops and festivals, including those focused on childhood development, aiming to enhance children's life skills, reading, and public speaking abilities.

05.

MEMBER OF THE CULTURAL CLUB

An active member of the Cultural Club affiliated with the Education Directorate - Qabatiya, where I trained the team on many literary talents and shared with them some of my inventions and creative ideas and supported those of them who wanted to continue their creative journey and of course I learned many things from them, with them and with our coach

06.

My personal TV interviews



A telephone interview with Radio Raya FM two years ago, in which I spoke specifically about software creativity, the inventions that were prepared and accomplished, the championships that I won, and what are the upcoming projects, especially about the invention of fire extinguishing and the invention of glasses for color-blind patients.



An interview two years ago with Palestine TV, one of the most prominent Palestinian channels, where I discussed my talents and the literary and scientific works I have accomplished. Some works were presented and discussed, and what is my future vision in every field?



An interview with the American University Radio three years ago, where I talked about winning poetry competitions and the scientific and programming talents that I possess.



An interview with Asdaa Nablus Radio was conducted in our village. The purpose of the visit and interview was to talk more about the town, its history and its antiquity since the Ottoman era.

Media articles & Links



A newspaper article published in *Belgrave Magazine* highlighting my talents, inventions, ongoing projects, and competitions I have won and the future vision that I am working on.



ARC - Arab Reading Challenge



Since the launch of the Arab Reading Challenge in 2016, I have participated in it with passion and ambition. I have faced both failures and victories along the way.



After consecutive victories, in 2024, I secured second place in Palestine in the challenge, competing against more than 300,000 students.



The experience of competing and representing the State of Palestine in Dubai was a great honor, in addition to the activities we did, which certainly had a major motivation in increasing my passion and getting to know many friends from different countries, whether they were from Arab countries or from communities.

Links ↗



WRO - World Robot Olympiad



In 2023, my team and I won first place nationally in the Future Engineers category, excelling in robot performance and GitHub documentation, which qualified us for the global competition in Panama.



In 2024, we won first place in Palestine for the second consecutive year in the Future Engineers category, thanks to the robot's outstanding performance and advanced technology, qualifying for Türkiye.



Thanks to God, my team and I had the honor of representing the State of Palestine in Turkey, where I was selected to raise the Palestinian flag during the cultural exchange segment.. Thank God, I ranked among the top 30 worldwide, and we had an amazing time with the Turkish people, judges, volunteers, and participants from nearly every country.

Links ↗



Programming, AI & IOT Clubs



The world of programming is a large and precise world and I love it. I joined the programming clubs team affiliated with the Palestinian Ministry of Education and participated in most of the programming training clubs with a very high rate of hours.

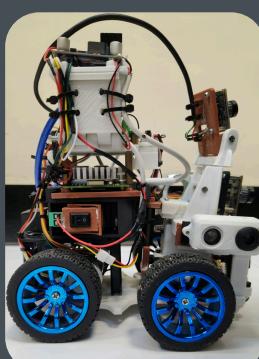


Programming clubs brought me together with wonderful trainers and distinguished students. We went through experiences and learned the skills of right and wrong, research, patience, cooperation, and team spirit, thanks be to God.

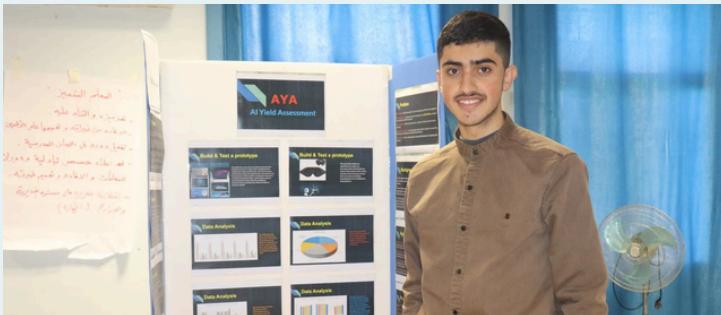


I completed approximately 300 hours of training in these clubs, covering various skills through intensive education and meaningful discussions. Among what I learned was programming in Python, C++, and other languages, in addition to the skill of 3D printing and design, how to build and configure robots, assemble electronic parts, and program them as best as possible, deal with the most powerful controllers and processors, and learn skills such as artificial intelligence programming using Python, learning about the Internet of Things, web and application programming, and network and server topics.

Links ↗



ISEF - International Science and Engineering Fair



For three years, I participated in the ISEF International Competition, starting from the ninth grade, as it provided a valuable opportunity to gain technical experience and problem-solving skills.

Thanks to God, during the three years I qualified for the qualifiers at the directorate level until I qualified to represent the Qabatiya Directorate at the national level, and because of the war we were not able to compete as we should have.

Review Research

Research Gaps

Here I reached the percentage of scientific gaps in the types of sleep disorders.

Gaps	Percentage
Insomnia	30%
Hypersomnia	20%
Snoring	20%
Respiratory Disorders	30%

Geographic Gaps

Geographical distribution of types of sleep disorders

Continent	Insomnia	Hypersomnia	Snoring	Respiratory Disorders
North America	High	Low	Medium	Medium
Europe	Medium	High	Medium	Medium
Asia	Medium	Medium	High	Medium
Africa	Low	Low	Low	Medium
Oceania	Low	Low	Low	Low

Application

Features
The application contains easy-to-use interfaces characterized by calm colors, a simplified scientific sequence, and high comprehensiveness.

Methods
The application contains 3 High-quality diagnostic methods, which are self-diagnosis, clinical diagnosis, and AYA device diagnosis.

Data
The data in the application has been fully approved, as it comprehensively includes all aspects of sleep disorder, starting from simple information and moving to minute details.

Device

1. The sleep mask is equipped with high-precision and high-quality sensors, in addition to a comfort system that is operated during sleep, which collects the data necessary for diagnosis.

2. All the necessary data is collected to accurately diagnose the type of sleep disorder, as it relies on artificial intelligence and the Internet of Things to diagnose sleep disorders.

Business

Technology
The site displays the technology used in the device and application and what features are harnessed in the AYA device, explaining the integration of artificial intelligence with the Internet of Things.

Marketing
The project is concerned with marketing the product to customers so that they have a comprehensive overview of the device, its use, and its comfort systems.

Analysis
The opinions of users of the application and how they viewed the project are also presented so that it will be a reference for those who are thinking about purchasing the device.

My research project, titled 'AYA,' focuses on a sleep mask designed to enhance comfort and monitor vital health signs. The mask is linked to a dedicated application that analyzes data using neural network algorithms. Additionally, my research highlights scientific and practical gaps in the field of sleep disorders.

Links ↗



GA - Gifted Arabs



In 2023, I participated in the Arab Talents Competition, where I was nominated to represent the Qabatiya Directorate, which qualified me to compete at the Arab world level and represent the State of Palestine.

Thanks to God, I won this competition and was honored by the Qabatiya Directorate for winning many competitions. This competition is important because it proved that I have many scientific abilities, thank God.

فتح حساب في موقع موهبة الإلكتروني

عزيزي : هشام عمر كامل قلابوة
تهنئكم موهبة على تفانيتكم في مقاييس الموهوبون العرب، وخطوة أولى في رحلتكم مع برامج وخدمات موهبة، تأمل الدخول على الرابط
فتح حساب في موقع موهبة الإلكتروني
فتح حساب خاص بكم في موقع المؤسسة في خلال عشرة أيام، وسيتم التنسيق والتواصل لاحقاً لإعلامكم بموعد وإجراءات التسجيل لكل برنامج أنتم مؤهلين له عبر البيانات المؤكدة لكم في الحساب.
مع تمنياتنا لكم دوماً بالتفوق

موهبة www.mawhiba.org

تابعونا في قنوات موهبة المجتمعية:

مؤسسة الملك عبد العزيز ورجاله للموهبة والإبداع "موهبة".
نطلع إلى تقديم أفضل الخدمات لكم، موهبة حيث تنتهي



This is an annual scientific competition targeting students from the third intermediate grade to the first secondary grade. It is an international remote competition in information thinking, logic and computational thinking among school students, with the participation of more than two million male and female students from more than 70 countries. It aims to discover outstanding students in astronomy and astrophysics with the aim of enrolling them in specialized training programs; qualifying them to participate in international competitions and Olympiads.

Links ↗



رابطة موهبة
Mawhiba Alumni

Poetry Writing & Arabic Knights



In 2022, I had the honor, thanks to God, to win first place at the national level in the poetry writing competition, despite being one of the youngest students in my category.



In 2023, I had the honor, thanks to God, to win for the second time in a row in the poetry writing competition at the national level, within the Knights of the Arabic Language competition held at the Arab world level.

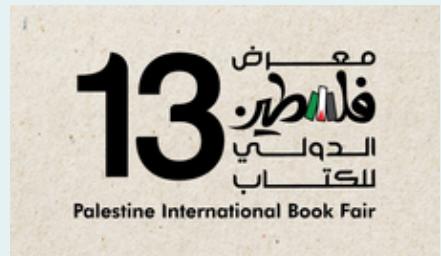


I was honored by local institutions and the Ministry of Education due to this win, as writing poetry was and still is a sophisticated and high-level method for conveying messages from afflicted or developed peoples. It is the means for conveying different messages from different cultures, with several goals and one slogan that unites them, which is preserving the language of the Qur'an, which is the Arabic language.

Links ↗



Book Fair & Book Advertising



The Palestine International Book Fair is an exhibition held semi-annually in the State of Palestine, where publishing houses from various countries meet and hold literary and purposeful discussions.



I had the honor of being invited to attend this major literary festival in Palestine, which was attended by many Palestinian leaders, literary figures, talented people, and other people.



Thanks to God, my first poetry collection was published under the auspices of the Palestinian Ministry of Culture at the Palestine International Book Fair. The signing and publication event was attended by many writers and participants. This poetry collection is a joint effort, and after careful judging my poem was chosen for publication, making me the youngest poet to have a work included in this book.

Links ↗



SV - Student Voices



The Palestine International Book Fair is an exhibition held semi-annually in the State of Palestine, where publishing houses from various countries meet and hold literary and purposeful discussions.

Student Voices is a conference held at intervals where elite Palestinian students meet with the Ministry of Education and Higher Education to discuss educational problems and propose solutions.



Thanks to God, I was chosen for the poetry evening to recite a poem from my literary works. The evening was attended by a cadre from the Ministry of Education in the halls of the Red Crescent Hotel. The next day, the conference began, where the students were divided into several teams. I was assigned to manage the team so that we could present the best we have in terms of presenting problems or suggesting solutions.

Links ↗



SCF - Student Cultural Forum



The Student Cultural Forum is a cultural meeting that brings together the elite of Palestinian students who possess many talents, where different distinguished talents meet and cultural and knowledge exchange takes place between them.



I was chosen, thanks to God, from among these students because I have literary skills in public speaking, debate, writing poetry and stories, and of course I proved my distinction among my colleagues and those in charge of us.



The forum lasted for about 5 days and was held at the Independence Military University, where we experienced the life of soldiers in sleeping, waking up, the harsh morning training, and eating, where we learned great commitment. In addition to meeting together, discussing with each other, displaying our different talents, and going to visit important historical landmarks in the city of Jericho, in addition to training us to enable us to use our talents.

Links ↗



Palestinian Student Parliament



Since 2022, thanks to God, I was elected at that time to be the head of the student parliament for the Qabatiya Education Directorate, where a meeting was held and an official election ceremony was held in the presence of specialized government agencies.



I received the application file at the directorate, and after holding a discussion with the elected team, supervisors, and education officials, the problems were identified and solutions were proposed.



There is no doubt that the position was important and precise, as I had to narrow down all the outputs, in addition to dividing the tasks and solving any errors that occurred. In addition, we tried to include all possible problems and ideas to empower students, improve the environment, discover talents, and solve psychological problems among students. Despite the siege and the lack of capabilities that the Palestinian people suffer from, we tried to come up with impressive results, thanks to God Almighty.

Links ↗



Public Speaking & Dialogues



Literary discussions, literary and cultural meetings, and the meeting of young talents with distinguished giants are important, as they highlight existing skills and enhance communication and public speaking abilities with confidence and eloquence.

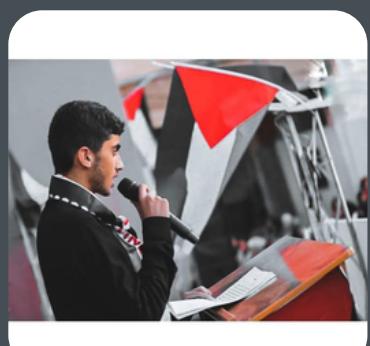


As for the skill of public speaking, it is a strength that everyone should possess, as it reflects the spirit of leadership, challenge, and the ability to confront fear and hesitation, and increases the strength of a person's presence.



Thanks to God, I am known in the literary and local arena, as I am invited to many activities and events, either to be a presenter of the ceremony and segments, or to be a literary critic in some book advertisements, or to attend personally to exchange ideas and discussions among my colleagues, to organize cultural and literary events and to develop the skills of talented and creative youth, to enhance their pioneering and leadership role in society.

Links



THANK YOU!