

# Assem Ayman Abdelwahab Abdelfatah

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## Skills

- Full-stack development expertise.
- Database Designing.
- collaboration and teamwork.
- Cross-functional.
- Robotics programming.
- Time management.

## Languages

Arabic (Mother language) • **English** (proficient) • - (Date of birth / place of birth: 26/06/2024 - SAU)

## Professional Experience

**programming lecturer, Techno Future Academy** 2022 – 2024 | Alexandria, Egypt  
- **Python - C++ - Java - C# - MIT App Inventor - scratch - Arduino Programming - Web Development:** Led classes on web development technologies, including HTML, CSS, and JavaScript. To create responsive and visually appealing websites- **Robotics Coach:** Designed and delivered comprehensive courses on EV3, Spike Essential, Basic steam (Wedo), and Spike Prime robotics platforms, emphasizing practical application and problem-solving in robotics projects. Mentored teams for competitions, providing guidance in strategy development, construction techniques, programming, and teamwork.- **Skills and Expertise:** Proficient in EV3, Spike Essential, and Spike Prime robotics platforms. Strong understanding of robotics principles, mechanics, and programming languages such as LEGO MINDSTORMS software. Experience in curriculum development and instructional design tailored to STEM education. Effective communication and leadership skills, demonstrated through successful mentoring and coaching of student teams.

**programming instructor, Future Kids-programming platform** 2023 – 2024 | Online, Egypt

## Education

**Bachelor of computer science and artificial intelligence,** 2022 – present | Alexandria, Egypt  
*pharos university* ☎  
finished three semester till now.

## Courses

**Innovegypt program** 2023 | Alexandria, Egypt  
At Pharos University- InnovEgypt is a training program on innovation and entrepreneurship customized for university students and graduates. The program is an exemplary option for learners aspire to be future innovators and entrepreneurs. It seeks the ones looking forward to establishing their start-ups

### **Full stack**

-Route Back end NextJS Diploma starting in 2024/7 to 2024/10 | Alex, Egypt -  
-Front end 2024/2 – 2024/7 HTML, CSS, JS,SASS, REACT, CRUD, DOM&BOM, BOOTSTRAP






**Introduction to software development,** ☎ 2023  
The open University This 6-hour free course discussed the engineering nature of software development, its challenges and some fundamental ways to meet them.(online)

**Designing the user interface: text, color, images, moving images and sound,** 2023  
The open University This 4-hour free course taught how text, colour, images, moving images and sound interact to produce a user-friendly interface.

**Managing complexity: A systems approach – introduction,** ☎ 2023  
The open university This 75-hour free course provided an introduction to the concept of systems thinking, how it applies to problem solving and effective management.

## Projects


**BookMarker, HTML & CSS & CRUD Operations & bootstrap** ☎ 2024


<b>smart-login-system, HTML &amp; CSS &amp; bootstrap &amp; JS</b> 	2024
<b>Hospital database, (MySQL &amp; ERD) project for Data Base subject</b>	2023 – 2024
<b>GridMasterClass, HTML-Bootstrap-CSS-Grid system project</b> 	
<b>Weather-smart-app, HTML &amp; CSS &amp; bootstrap &amp; JS</b> 	
webpage shows you some Weather details with a search to a different place.	
<b>Online Games Webpage,</b>	2024
<i>made with HTML, CSS, Bootstrap , JS OOP</i> 	
<b>React-Vite-Project</b> 	
HTML-CSS-React Vite -TailwindCss	

## Certificates

**FIRST LEGO League Challenge as a (coach)**  — (FIRST LEGO League Challenge Egypt Championship 2023-2024 Bibliotheca Alexandria, 5th-7th February 2024 - Signed by Mr. Ayman Elkabbany FIRST LEGO League Egypt partner and Ms. Hana Hosny Acting director, BA planetarium Science center)

**International Collegiate Programming Contest - ICPC**  — (Certificate of Achievement awarded to Assem Ayman with a Honorable mention, Signed by William B. Poucher, Ph. D. ICPC Executive Director)

**Arab Olympiad for Artificial Intelligence - Egypt Championship**  — (Accredited by the Association for Robotic Technology and Talented Care, STEAM CENTER, the Arab Society for Robotics and Artificial Intelligence, AIU ALAMEIN, and STEM.ORG.)

**ROBOFEST ROBOParade (coach)**  — Robofest Mission is: To Generate excitement and interest among young people for Science, Technology, Engineering, Arts, and Mathematics (STEAM), AI and Computer Science Develop essential skills such as teamwork, leadership, creativity, communication and problem solving. Prepare students to excel in higher education and technological careers, Sponsored by Lawrence Technological University.

## Awards

<b>International Collegiate Programming Contest - ICPC,</b> 	07/08/2023
The 2023 ICPC ECPC Qualifications Collegiate Programming Contest	

<b>Arab Olympiad for Artificial Intelligence - Egypt Championship</b> 	02/06/2024
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As a team THE BOYZ We ranked third at the level of universities in the Republic of Egypt With my participation in the Embedded Systems Projects Department and with the participation of the rest of the team members in the Computer Vision Department, we won first place in the marathon in programming, third in algorithms and mathematics, and second in cybersecurity, and we qualified for the Jordan finals.

## Organizations

<b>Dream team,, PR Vice</b>	2023 – 2024   Alexandria, Egypt
As PR Vice, I led strategic communication efforts, managed media relations, and orchestrated successful events. My role included overseeing social media, collaborating with cross-functional teams, and implementing crisis communication plans. Demonstrated strong interpersonal and communication skills with a focus on achieving impactful results.	

<b>Pharos university,</b>	2023 – 2024   Alexandria, Egypt
Graduation party organizer With a position called parade queue and land Our work requires that graduation ceremonies be held in the best way possible with everyone's assistance	

<b>Faculty of Computer Science &amp; Artificial Intelligence - PUA,</b>	2022 – 2024   Alexandria, Egypt
Volunteer in Trips committee As a member in PUA Students Union, i learned how to be Good in organizing and stability on appointments, Also in talking to people...old and young, activating the atmosphere for them and inspiring them , I can work under pressure and innovate , Seek for culture and experience	