

Abdelrahman Ahmed Anwer

+201127706579 || Cairo, Egypt

abdelrahmaan.aahmed@gmail.com

<https://www.linkedin.com/in/abdelrahman-ahmed-anwer/>

<https://github.com/abdelrahmans5>

Education

Bachelor of Computer and Artificial Intelligence, Bani Suef University - Expected Graduation 2025
Department of Information Technology

Trainings

Digital Egypt Pioneers Initiative, (March 2024 – September 2024)

- Developed .NET applications with RESTful APIs and front-end technologies, managing SQL Server databases.
- Collaborated in Agile teams using Git for version control and enhancing software quality through testing.

First Lego League Coach, (August 2023 - August 2023)

- Coached students in STEM, focusing on robotics and critical thinking while fostering teamwork.
- Prepared teams for FLL competitions, emphasizing core values of discovery and innovation.

Training of Trainers, (May 2023 - June 2023)

- Designed and delivered engaging training sessions, utilizing effective communication and instructional techniques.
- Assessed learning needs and tailored methods to enhance facilitation and mentoring skills.

Skills

<u>Programming Languages</u>	<u>Web development</u>	<u>Work with databases</u>	<u>Robotics Platforms</u>
<ul style="list-style-type: none">• C++, C#• HTML, CSS, JavaScript• .NET Core	<ul style="list-style-type: none">• ASP.NET Core (MVC, Razor Pages)• Web API	<ul style="list-style-type: none">• SQL Server• Entity Framework	<ul style="list-style-type: none">• LEGO Mindstorms• Pictoblox• Arduino

Courses

Problem Solving, ICPC, (90 Hours)

Arduino, Edraak, (30 hours)

Positive Parenting, Online, (20 hours)

Introduction to Cybersecurity, Edraak, (10 hours)

Project Management, Edraak (15 hours)

Projects

Educational Platform (Jun 2024 – Sep 2024)

Developed a comprehensive online platform for hosting and managing educational courses. The site allows users to enroll in courses, track their progress, and interact with instructors and peers.

Robotics, EV3, WEDO (Feb 2023 – Aug 2024)

Exciting and multifaceted, combining elements of mechanical design, electronics, and programming to create intelligent systems capable of interacting with their environment.

Examples: Line Follower Robot, Doctor Robot

Embedded Systems, Arduino Projects (May 2023 –Jul 2024)

hardware with software for real-world applications.

Examples: Smart Basket, Smart Parking, and Radar Systems

Extracurricular Activities

IT Head Member, Life Makers BNS-HU, (Jan 2022 – Sep 2024)

- Led IT team in developing digital infrastructure and managing projects for efficiency.
- Coordinated technology integration and provided training to improve IT skills.

Project Management Member, Enactus New BNS, (Nov 2022 – Oct 2023)

- Planned and executed student activities, managing timelines and resources effectively.
- Enhanced leadership skills and student community engagement.

Languages

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- English: Working Proficiency.
 - Arabic: Native

Familiar With

Frameworks and Libraries

- ASP.NET Core, MVC, Razor Pages, Entity Framework

Version Control:

- Git

Development Tools:

- Visual Studio, GitHub, SQL Server Management Studio

Methodologies:

- Agile, Scrum

Design Principles:

- Object-Oriented Programming, Responsive Design