

Mahmoud El-Tohamy

Front-End Web Developer | DECI Instructor
| YLY Vice Team Leader

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Summary

Experienced Udacity Instructor with a strong background in mentoring and technical training through government and scholarship programs. Currently an instructor at DECI, where I support young learners in developing real-world coding skills.

Also a front-end web developer with solid experience in HTML, CSS, and JavaScript, passionate about building responsive and high-performance web applications. Skilled in teamwork, communication, and delivering quality solutions with a continuous drive for learning and growth.

EDUCATION

Bachelors in Computer Science

Matrouh University | Expected Graduation: 2025

SKILLS

- Front-End Development: HTML, CSS, JavaScript, Bootstrap, React.js, typescript, next.js, Responsive Design
- Programming Languages: C++, Python
- Computer Science: Data Structures & Algorithms, OOP
- Version Control: Git, GitHub
- Soft Skills: Communication, Teamwork, Problem-Solving, Event Management, Event Organization

PROJECTS

Chefio: a full-stack recipe sharing platform using Next.js and TypeScript, enabling users to create, share, and discover culinary recipes with a modern, responsive interface.

Leon Template: A fully responsive website built using only HTML and CSS, following modern design principles.

ITI Online Store: Developed a fully responsive e-commerce web app using AngularJS, enhancing UI/UX and implementing dynamic product filtering for a smoother user experience.

EXPERIENCE

Programming Instructor – Digital Egypt Cubs Initiative ([DECI](#))

Ministry of Communications and Information Technology ([MCIT](#)) - Egypt, in collaboration with Udacity.
[Aug 2024] – [Present]

- Taught 60+ students, helping 90% of them complete projects successfully, enhancing their logical thinking and problem-solving skills through interactive exercises.
- Delivered structured training sessions on Python, algorithmic thinking, and coding best practices.
- Designed and facilitated hands-on projects to reinforce technical concepts and improve student engagement.
- Provided one-on-one mentorship, guiding students through real-world coding challenges and best practices.
- Contributed to the development of learning materials, ensuring content aligns with industry standards and educational best practices.

About DECI:

- The Digital Egypt Cubs Initiative (DECI) is a government-led educational program targeting top-performing students from middle to high school, aiming to enhance their ICT skills. (More at deci.gov.eg)

CERTIFICATIONS

[ITI Introduction to Web Technologies](#) (36hrs).

[ITI Front-end Web development](#) (120hrs).

[Egypt FWD Web development challenger track](#).

Youth Leading Youth ([YLY](#)) Certifications:

- [Season 5 Member, OR Committee](#) – GPA: A
- [YLP “Youth Leadership Program”](#) (S5)
- Luxor & Aswan Camp (S5) – GPA: A
- Matrouh Competition Camp (S5) – GPA: A
- [Leadership Preparation Camp “Ras El Bar”](#) (S6) – GPA: A
- [OR Camp in Alexandria “25hrs”](#) (S6) – GPA: A
- [Season 6 Preparation Alexandria Camp](#) (S6) – GPA: A
- [Event Manager - Flash Event “Y New Way”](#) (S6)
- [Learn 7 Event OR Head](#) (S6)

VOLUNTEERING & LEADERSHIP

Vice Team Leader - Youth Leading Youth ([YLY](#)) ([Jan 2025] - [Present]):

- Leading and managing operations for one of the largest youth initiatives.
- Coordinating cross-functional teams to execute events and programs.
- Enhancing organizational efficiency and fostering team collaboration.

Head of Operations Committee ([Dec 2024] - [Jan 2025])

- Managed all logistics and operational aspects of the initiative.
- Supervised event execution and ensured smooth workflow within teams.

Vice Head of Operations Committee ([Jun 2024] - [Dec 2024])

- Assisted in managing logistics and coordinating event planning.
- Supported team members and contributed to problem-solving during events.

Member of OR Committee ([Aug 2023] - [Jun 2024])

- Contributed to organizing various events and handling logistics.

Event Manager – Flash Event “Y New Way” (S6):

- Fully organized and managed the "Flash" photography event, overseeing logistics, planning, and execution.

Official Visit Coordinator:

- Organized a full-day visit for **Egypt’s Minister of Youth and Sports** in Matrouh.
- Coordinated with the Governor of Matrouh, the Undersecretary of the Ministry, and other key officials.
- Managed event logistics, guest reception, and scheduling.

Event Organizer – Various Events & Camps:

- Led the organization of major events, including Learn 7, 5in1, and multiple governmental and community activities.
- Worked closely with Matrouh Governorate and the Directorate of Youth and Sports to manage high-profile events.
- Attended and participated in several leadership and development camps across Egypt.

LANGUAGES

Arabic: Native

English: Upper-Intermediate