FADY JOHN
STUDENT

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EDUCATION

New York University Abu Dhabi | Bachelor of Computer Science   2022 - 2026

LEADERSHIP AND COMMUNITY INVOLVEMENT

Web Developer
IEEE Helwan Student Branch   Oct 2020 - Aug 2021
- Instructed and guided a group of 50+ students through a full-stack web development course in [HTML-CSS-JS-PHP]
- Mentored two teams for Texos (web development competition), gave them assistance in the technicalities throughout the hackathon. One of the teams got the first place prize
- Collaborated in designing and coding the branch website with ReactJS , PHP, and MySQL

Head of Web Development Team
STEM High School For Boys   June 2020 - May 2022
- Provided guidance to 30+ freshmen to learn web development and provided them with tasks and feedback
- Designed the website UX-UI and led web development team to build the school website

Head of IT & Web Development Committee
TEDxYouth Maadi STEM   July 2020 - Feb 2021
- Led a committee of 6+ members and provided them with a training course, introducing them to Git and Sass
- Supervised the website building process and offered technical support for streaming Tedx online event

PROJECTS

STEM High School Website, Link
- Collaborated with 2 developers through Git to build the website from scratch including design and content writing
- Created a monthly report, analyzing the website performance and SEO

Personal Portfolio Website, Link
- Built a full-page scroll design and fully responsive website
- Coded a gallery, type writer effect, and parallax movement effect using JavaScript

Website Tester, Github
- Programmed an application in nodeJS to test analyze web pages and collect performance metrics
- The application saves the report with a unique timestamped filename in a directory named after the website URL.
- Coded a bash script with visual basic interface to ask the user for the website URL and run the code automatically

Car Accident Prevention System, Github
- Developed a system for the Detection of Driver Drowsiness by M5stack (controlled through Arduino IDE).
- The algorithm detects if the driver's head tilt deviates notably from the normal posture, giving an alarm.
- Developed a feature that does a regular check-in to ensure the driver is giving attention to the road.

Shopifyy E-commerce Wesbite, Link
- Created 50+ page responsive website using PHP and MySQL with login system and Admin management panel

WORK EXPERIENCE

Website Manager
Youth Science Journal   June 2020 - Sep 2021
- Designed the UX-UI for the Journal's website using AdopeXD
- Coded the website from scratch and used Google Firebase as an upload system database

Interactive Media Student Assistant
New York University Abu Dhabi   March 2023 - Present
- Managed the Arabic course website
- Collaborated in short video production and editing

SKILL SET		COURSE WORK	LANGUAGES	
- HTML / CSS	- Bootstrap / Jquery	- Discrete Math	- Arabic	native
- JavaScript / OOP	- C++	- Algorithms	- English	fluent
- PHP	- Wordpress	- Data Structures	- French	beginner
- MySQL	- Photoshop / XD			