

EDUCATION

<b>Master of Science (MS), Computer Science</b>	<b>August 2022 – August 2025</b>
Menofia University	
<b>Thinking and Creating with Code</b>	<b>February 2023 – April 2023</b>
EPFL Extension School	
<b>Stack Web Development using MERN Track</b>	<b>August 2022 – December 2025</b>
Information Technology Institute (ITI)	
<b>Bachelor of Science, Electrical and Computer Engineering (ranked 3rd)</b>	<b>July 2022</b>
Menofia University	<b>GPA: 3.03/4.00</b>
Graduation Project: “Hardware and Software Design of an Arduino-Based 3D Printer”	<b>GPA: 4.00</b>

SKILLS

<b>Web Technology</b>	HTML/HTML5, CSS/CSS3, SASS, Bootstrap5, JavaScript, AJAX, jQuery, TypeScript, React, Redux, React Native, Material-UI5, NodeJS, Express.JS, MongoDB, GraphQL, MySQL, Rest API, Python, Flask, Django, Django Rest Framework, JS Design Pattern, PWA, Webpack & Gulp, Unit Testing (TDD)
<b>Technology</b>	MATLAB, Visual Studio, AutoCAD, AutoDesk Maya, Adobe Illustrator, Adobe XD, Figma, Jira, Confluence
<b>Version Controls</b>	Git, GitHub, Bitbucket

WORK EXPERIENCE

<b>React Native Developer</b>	<b>May 2023 – December 2023</b>
RemoteCoders - Noury(AG), Switzerland (Remotely)	
<ul style="list-style-type: none"><li>Integrated DataTrans via Redux, managing 500+ transaction scenarios for seamless financial operations within the app.</li><li>Implemented 10 innovative features into a React Native-based app for the food service sector, significantly enhancing user experience and business functionality.</li><li>Spearheaded QR code scanning animations, leading to a 20% surge in user engagement and garnering widespread positive reviews, thereby elevating app appeal.</li><li>Developed screens for diverse transaction scenarios - successful transactions enabled cabinet access, while insufficient funds triggered dedicated screens, managing over 10 distinct transaction outcomes.</li></ul>	
<b>UI/UX Designer</b>	<b>May 2023 – December 2023</b>
RemoteCoders – Noury (AG), Switzerland (Remotely)	
<ul style="list-style-type: none"><li>Visualized 15 engaging animations for critical screens, ensuring seamless and visually appealing user interaction.</li><li>Refined digital receipt interface, reducing paper usage by 25% and enhancing customer access to transaction records.</li></ul>	
<b>Python Developer Intern</b>	<b>March 2023 – May 2023</b>
RemoteCoders – Noury (AG), Switzerland (Remotely)	
<ul style="list-style-type: none"><li>Managed precisely 25 transaction endpoints catering to various scenarios within the Noury app, ensuring comprehensive coverage for diverse user interactions using Django REST Framework.</li><li>Validated Firebase authentication, developing functionalities encompassing user registration, payment initiation, transaction management, and access to receipts, encompassing a total of 4 key features within the authentication framework.</li></ul>	

Web Designer Intern

National Telecommunication Institute (NTI), Cairo

- Wrote clean, high-quality, high-performance, and maintainable code that minimized downtime by 13%.
- Enhanced user interfaces with HTML5 and CSS3 for bookstores. Turned in projects an average of 5% faster than targets.

May 2022 – July 2022

Database Administrator Intern

Benha Electronics, Benha

- Estimated 10+ packages, procedures, and functions using MySQL to deliver business needs.
- Evaluated and modified databases for electrical components using MS Access

July 2021 – August 2021

Graphic Designer

Freelancing Graphic Design

- Illustrated print +40 materials such as brochures, banners, and signs.
- Applied marketing techniques to create high-quality images to increase customer interactions by 20%.

May 2020 – December 2020

PROJECTS

Fitness Progress

- Used Flask as the backend framework and JSON as the database.
- JavaScript is implemented for local storage and to validate form inputs.
- Bootstrap is to design two cards to calculate calories lost in workouts and calories gained in meals.

Sumou Al Asalah Website

- A responsive real-estate investment website for Sumou Al Asalah company in Saudi Arabia using React,Redux, Material-UI5 and Bootstrap5, and created an admin dashboard for +5 admins using Node.js.

Food Application

- A responsive website for food home delivery using React and Redux with features to display (1) the cart list and (2) payment options.

UI Design for Real-Estate Company

- Designed UI for Real-Estate Company using Adobe XD and put 4 navigations for screens.

LEADERSHIP ACTIVITIES

Internal Logistics Head

Life Makers Foundation

- Supervised the opening of 7 classes in The Literacy campaign.

June 2022 – December 2022

Technical Support Head

IEEE

- Prepared professional and appropriate 10 technical sessions.

January 2021 – March 2021

Digital Marketing Head

INSIDER

- Maintained the social media presence.

June 2018 – July 2019