

Omar Khaled

Frontend Web Developer

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Education

Nile University

Full Scholarship GPA: 3.97

Engineering and Applied Science - Computer Engineering Dept.

Expected Graduation: 2025

Academic Year: Junior (3rd)

Projects

IEEE NU Website 

 [View Project's Website](#)  [Read about the project](#)

Skills and Technologies

- Next JS
- ThreeJS and WebGL
- Firebase & Firestore
- UI Design Principles

My Personal Portfolio

 [View Project's Website](#)  [Read about the project](#)

 [View Project on Github](#)

Skills and Technologies

- Next JS
- CSS-in-JS
- MDX
- Framer Motion
- React Spring
- UI Design Principles

DedMet - Deadlines Management Chrome Extension

 [View Project's Website](#)  [View Extension on Github](#)

 [View Project's Website on Github](#)  [Read about the project](#)

Skills and Technologies

- Next JS
- Typescript
- Webpack
- Online Transactions Processing
- Chrome Extensions API
- Ejs
- UI Design Principles
- Paddle
- Firebase & Firestore
- Lottie Animations

IEEE NU Online Electronics Store

 [View Project's Website](#)

Skills and Technologies

- React
- Django
- Redux
- AWS
- Sql-Lite

Scudler - University Classes Scheduling Service

A web app that uses genetic algorithm under the hood to schedule courses for university students

 [View Project on Github](#)

Skills and Technologies

- React
- Redux
- Genetic Algorithm
- User Authentication
- MongoDB
- ExpressJS

Extracurricular

- **Co-Chair for IEEE @ Nile University Student Branch 2022/2023.**
- **Technical Head for IEEE @ Nile University Student Branch 2021/2022.**
 - Managed the creation of the IEEE NU Website (v2)
 - Increased the traffic on IEEE NU Website by 70%
 - Won IEEE Region 8 Website Award
 - Founded IEEE NU Online Electronics Store
 - Coordinated IEEE NU Electronics Academy for Nile University Students
 - Co-Manger at the Egyptian Space Summit | Second Edition
- **Webmaster for IEEE NU 2020/2021**
 - Founded IEEE NU Web development team
 - Founded IEEE NU Website (v1)
- **Organizer at The Egyptian Space Summit | First Edition**
 - Supervised the event's Registration Process
 - Designed Mobile Application to Confirm Attendees' Attendance on event day by using QR Codes
- **Team Member of Wesal Charity Organization**
- **Former Marketing Specialist at Graduate Starter Pack**

Awards & Honors

- 2022 **IEEE Region 8 SB Website Contest | 2nd Place**
- 2020 **Nile University 5-year Full Scholarship, Computer Engineering Program**
- 2020 **AI Abakera TV Competition | 2nd**
- 2021 **AUC Robotics Hackathon | 8th**
- 2021 **UGRF - Online Blood Bank | 1st**
- 2022 **IEEE Best Member Award**
- 2022 **Entrepreneurship Center Fintech Competition**
- 2022 **UGRF - Face Recognition Algorithm | 1st**
- 2022 **NU President's Honor for outstanding academic performance**

Languages

- English C1
- Deutsch B1 - Certified From Gothe Institute

Professional Skills

- Typescript
- React
- NextJS
- Redux
- Context API
- Chrome Extensions API
- Firebase
- REST
- FireStore
- ExpressJS
- SQL
- MongoDB
- UI / UX Design
- Express
- Node
- Deno
- Bun
- GraphQL
- Remix
- Angular
- SEO Structured Data
- Python
- Data Science
- Pandas
- Linear Algebra
- Matlab
- Simulink
- Probability
- UNIX
- Linux
- Javascript
- NGINX