Peter Safwat
Software Engineer

PERSONAL DETAILS

Birth	March 23, 1998
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SUMMARY

I learned how to code when I was 13. after I wrote my first program using VB.net with only one Button and a silly message that opens when the button is clicked i knew what I want to be. since then I've been passionate about programming and how computers work. I learned so much and I'm still learning.

LIFE PHILOSOPHY

however difficult life may seem, there is always something you can do, and succeed at. It matters that you don't just give up - Stephen Hawking

EDUCATION

BCS. Faculty of computer and artificial intelligence   2016-2020
Cairo University
> Major - Computer science
> Minor - Information systems

WORK EXPERIENCE

Software Engineer   2018-present
Bee Interactives., Full-time

- Worked with a lot of technologies
- Helped designing many major projects
- Worked on the World Youth Forum Registration website

Backend Developer   2017-2018
Egyadv., Full-time
> JavaScript and Php Developer i worked on an internal project using laravel framework

Programming Instructor   2017-2018
Pharaonic Technology Systems., Part-time
> I worked as Programming Instructor for python, scratch and arduino.

SKILLS

Languages	Arabic (mother tongue)
	English (professional)
Software	PYTHON, JAVASCRIPT, SQL, C++, REACT, LARAVEL, PHP, JAVA
	HTML, CSS, LaTeX

PROJECTS

World Youth Forum

A System that helped the WYF organizers filter and validate all the candidates for the Forum, with a very large database operation we overcome many performance challenges

Orange sonetelhaya

A Video Generator, I Worked in this project as a full-stack,

- creating the frontend using react

- in order to preview the video in a short time we used Lottie.js.

- and we recorded the video using node.js, puppeteer and FFmpeg.

- we used WebSockets to give realtime feedback to the user.

DyForm

An Open source Laravel package to help create dynamic forms with high-performance insert and retrieve operations.

Completeness Checker

An Open source Laravel package to help track the completeness of an entity, it calculate how many fields the user has filled and it generates a percentage of completeness.

Swaggerator

An Open source Laravel package to help Developers document their APIS With a bunch of easy commands.

BOOKS & COURSES

Books	Clean Code - Robert Cecil Martin
	The Nature of Code - Daniel Shiffman
	Head First Design Patterns - Elisabeth Freeman and Kathy Sierra
Courses	CS50's Introduction to Computer Science - Harvard
	Good Parts of JavaScript and the Web - Douglas Crockford
	THE ODIN PROJECT
	Web Development - Udacity

PUBLICATION

- Laravel dynamic databases - Medium Article

REFERENCES

Available upon request