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 programme 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 passinate about Programming and how computer works. 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 alot of technolgies
- Helped designing many major projects
- Worked on the World Youth Forum Registeration 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 canidates for the Forum, with a very large database operation we over come many preformance challenges

Orange sonetelhaya

A Video Generator, I Worked in this project as a fullstack,

- 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 helpand create dynamic forms with high preformance insert and retrive 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 generate 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