




HASSAN WAEL

Computer Science Engineer

 hassanwael.me

 hassanokasha1009@gmail.com

 +20 1220001573

 github.com/hassanOkashaa

 Cairo, Egypt

 /in/hassan-okasha-537123237/

SUMMARY

I am driven to learn and grow in a dynamic work environment, where I can collaborate with a team of professionals and make valued contributions to the organization.

SKILLS

Languages: Java, SQL, Python, JavaScript, TypeScript, HTML, CSS, C++, C, C#, Dart, Prolog, Haskell.

Technologies and Frameworks: NodeJs, ExpressJs, Angular, ReactJs, Redux, Redux toolkit MERN stack, Spring-Boot, Hibernate, JPA, Flutter, OpenGL, MaterialUI, Antd.

EDUCATION

2020 - present	Bachelor of Computer Science Engineering German University in Cairo	University
2022 - 2022	Semester Abroad German International University (Berlin)	University
2015 - 2020	IGCSE/GCE Saint Fatima School	School
2006 - 2015	Language School Modern School of Egypt	School

EXPERIENCE

7/2023 – 9/2023	Full-Stack Software Engineering Intern Spring Boot / Angular	Ultimate Solutions Experts
7/2022 – 9/2022	Software Testing Intern	Huawei Egypt
10/2019 – 5/2020	IGCSE Teaching Assistant	

PROJECTS

Web/Software Development	Clinic and Pharmacy System (MERN) — Vet App (SpringBoot / Angular) — Tax Management System (SpringBoot / Angular) — Banking System FE — Full Sports Relational Management System (SQL) — ERP
Games	Marvel Board Game (Java) — 2D Space Game (C++) — 3D Shooting Range (C++) — Wordle Clone (Prolog)
Hardware	Smart Blind Stick with RP2040 (C) — Vending Machine with FPGA (VHDL) — LZW Compression (VHDL) — Low Pass Filter
Miscellaneous	DBMS with Octree indexing — SQL Parser — OS Simulation — Pipe-lined Processor Simulation — Image Quality Enhancer — Image Compression — Audio Noise Cancellation

CERTIFICATIONS & COURSES

Stanford	Machine Learning & AI (In progress)
Harvard	CS50 Introduction to Cybersecurity — CS50 Introduction to AI with Python — CS50 Introduction to Computer Science
Udemy	Spring Boot 3, Spring 6 & Hibernate — Node.js, Express, MongoDB & More: The Complete Bootcamp — The Ultimate React Course: React, Redux & More — Angular - The Complete Guide