

I am a computer and communication engineering student interested in Full Stack software development Opportunities and I am always eager for opportunities to learn new technologies and for opportunities to innovate.

EDUCATION

Degree	Institute	Board / University	GPA/Percentage	Year
Bachelor	Alexandria University	SSP/CCE	3.6	2019-2024
Senior / Secondary	El Quds International School (QIS)	IGCSE	97.2%	2016-2019

EXPERIENCE

- Eventum IT Solutions

Software Development Intern

– Using agile methodology, Git version-control and dealing with testing team

– Team scrum master

– Dockerising the project with multiple environments (MySQL,maven & node)

– Making industrial scale examination Website from scratch with different users

– Using react for frontend (using react redux toolkit and material UI for styling), Maven Java-Spring and Hibernate for backend and an express Proxy Server

July 2023 - September 2023

On-Sight (Alexandria)
- ANRPC (Alexandria national petroleum company)

Networks and Security Intern

– Knowledge about used networks, firewalls and VM-wares and how they are handled

July 2023

On-Sight (Alexandria)
- RMZ-tech

Software Development Intern

– Software development using laravel making a university website with full front-end and back-end

July 2022 - August 2022

Hybrid (Alexandria)
- Ezz-Steel

Software Development Intern

– Vanilla web development using HTML, CSS and JavaScript

July 2022

On-Sight (Alexandria)

GRADUATION PROJECT

- Reviving Shredded Text: A Comprehensive Method for Document Reconstruction Using AI

Deep learning

– Full Deep learning pipeline to restore shredded documents using state of the art deep learning techniques

– Reconstructing document using asymmetric metric learning, Refining the reconstructed document, Reading the text in it using OCR, Spell check and fill the gaps to restore any missing text parts, CNN model to detect the font and regenerate paper with same font

2023/2024

Python

PROJECTS

- E-commerce Backend

Self made

– MVC architecture using Rest APIs, Hibernate & JPA Repositories, Spring security, enums and MySQL database

April 2024

Spring Boot
- Library System

Software Engineering

– MVC architecture using Rest APIs, Hibernate & JPA Repositories, Vuetify for UI and MySQL database

– DevOps (Three docker images one for frontend, one for backend and one for the database) all in one container

December 2023

Spring Boot/ Vue
- Rock Paper Scissors

New Trends (Block Chain)

– Winner gets a reward and making sure that both players complete the protocol to the end or get penalties

April 2024

Solidity
- Padding Oracle Attack Simulation

Computer and Network Security

– Padding oracle attack simulation

November 2023

Java
- TCP using UDP

Computer Networks

– Specyfing flags as (syn,ack,fin, ...etc) and timeout and understanding of both get and post requests

April 2023

Python

TECHNICAL SKILLS

- Programming Languages: C/C++, JavaScript, Python, Java, Go, Solidity, Assembly, Arduino, Bash & Yaml
- Frameworks: Spring Boot, React JS, Vue & Laravel
- Operating Systems: Windows, Linux & Mac OS
- Fields of expertise: Database SQL, Machine learning, Docker, Web Development, Embedded Systems, Security & Networks

VOLUNTEERING

- Beach cleanup with EU Jeel: July-September 2023
- Iftar bags warehouse with Alpha Apollo: Ramadan 2022