

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	Aexandria University	SSP/CCE	3.6	2019-Ongoing
Senior / Secondary	El Quds International School (QIS)	IGCSE	97.2%	2016-2019

EXPERIENCE

- Eventum IT Solutions

Software Development Intern

July 2023 - September 2023

On-Sight (Alexandria)

– 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
- ANRPC (Alexandria national petroleum company)

Networks and Security Intern

July 2023

On-Sight (Alexandria)

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

Software Development Intern

July 2022 - August 2022

Hybrid (Alexandria)

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

Software Development Intern

July 2022

On-Sight (Alexandria)

– Vanilla web development using HTML, CSS and JavaScript

PROJECTS

- Library System

Software Engineering

December 2023

Spring Boot/ Vue

– 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
- Rock Paper Scissors

New Trends (Block Chain)

April 2024

Solidity

– Winner gets a reward and making sure that both players complete the protocol to the end or get penalties
- Padding Oracle Attack Simulation

Computer and Network Security

November 2023

Java

– Padding oracle attack simulation
- Visual Question Answering

Pattern Recognition

June 2023

Python

– Using Pytorch library combining pretrained text encoding and Image encoding models from openAI (CLIP models) and making a model with input the concatenated encoding outputs

– Used attention and fully connected layers (shallow network as already encoded) and validation data
- Emotion Classification

Pattern Recognition

May 2023

Python

– Using TensorFlow library with no pretrained models

– Convolution neural networks with train and validation data
- TCP using UDP

Computer Networks

April 2023

Python

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

Embedded Systems

April 2022

C

– using 8051 Software and hardware setup frequency range(1Hz 9999Hz)

– Handling output frequency, 4-digit 7-segment, 4x4 keyppad using interrupts handling overhead from affecting the frequency

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