

EDUCATION

Degree	Institute	Board / University	GPA/Percentage	Year
Bachelor	Alexandria 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
– 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
– Knowledge about used networks, firewalls and VM-wares and how they are handled
 - RMZ-tech**
Software Development Intern
– Software development using laravel making a university website with full front-end and back-end
 - Ezz-Steel**
Software Development Intern
– Vanilla web development using HTML, CSS and JavaScript
- July 2023 - September 2023

On-Sight (Alexandria)
- July 2023

On-Sight (Alexandria)
- July 2022 - August 2022

Hybrid (Alexandria)
- July 2022

On-Sight (Alexandria)

PROJECTS

- 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
 - 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
 - Padding Oracle Attack Simulation**
Computer and Network Security
– Padding oracle attack simulation
 - Visual Question Answering**
Pattern Recognition
– 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
– Using TensorFlow library with no pretrained models
– Convolution neural networks with train and validation data
 - TCP using UDP**
Computer Networks
– Specyfing flags as (syn,ack,fin, ...etc) and timeout and understanding of both get and post requests
 - Frequency Generator**
Embedded Systems
– using 8051 Software and hardware setup frequency range(1Hz 9999Hz)
– Handling output frequency, 4-digit 7-segment, 4x4 keypad using interrupts handling overhead from affecting the frequency
- December 2023

Spring Boot/ Vue
- April 2024

Solidity
- November 2023

Java
- June 2023

Python
- May 2023

Python
- April 2023

Python
- April 2022

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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

EXTRA CONTACT INFORMATION

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