Omar Ashoor

Junior software Engineer @ Ejada LLC

Computer and Communication Engineering

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**OBJECTIVE** 

I am a Junior software Engineer @ Ejada LLC 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	2019-2024
Senior / Secondary	El Quds International School (QIS)	IGCSE	97.2%	2016-2019

#### EXPERIENCE

• Ejada LLC August 2024 - Present

Junior Software Engineer (Integeration team)

Hybrid (Alexandria) - Learning about banking systems and interacting with external teams/ clients

- Middle ware design using IBM Ace/ WebSphere
- Large scale queuing systems for multiple front-ends, back-ends and micro services

• Eventum IT Solutions

July 2023 - September 2023

On-Sight (Alexandria)

Military Exempted

Software Development Intern - Using agile methodology, Git version-control and dealing with testing team

- 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)

July 2023

Networks and Security Intern

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

• RMZ-tech July 2022 - August 2022

 $Software\ Development\ Intern$ 

Hybrid (Alexandria)

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

July 2022 On-Sight (Alexandria)

On-Sight (Alexandria)

Software Development Intern

Vanilla web development using HTML, CSS and JavaScript

### Graduation Project

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

2023/2024 Python

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

#### **PROJECTS**

• E-commerce Backend April 2024

 $Self\ made$ 

Spring Boot

- MVC architecture using Rest APIs, Hibernate & JPA Repositories, flyway, Spring security, enums and MySQL database
- Docker container with two docker images the MySQL and the backend using Yaml file

• 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

April 2024

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

November 2023

Computer and Network Security

Java

Solidity

#### - Padding oracle attack simulation 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

Last updated: September 29, 2024