Omar Ashoor

Junior Full-Stack software Developer
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OBJECTIVE

I am a computer and communication engineering fresh graduate 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

- **Eventum IT Solutions** *July 2023 - September 2023*
  Software Development Intern **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)** *July 2023*
  Networks and Security Intern **On-Sight (Alexandria)**
  – 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

- **Ezz-Steel** *July 2022*
  Software Development Intern **On-Sight (Alexandria)**
  – Vanilla web development using HTML, CSS and JavaScript

GRADUATION PROJECT

- **Reviving Shredded Text: A Comprehensive Method for Document Reconstruction Using AI** *2023/2024*
  Deep learning **Python**
  – 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, Spring security, enums and MySQL database

- **Library System** *December 2023*
  Software Engineering **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) **Solidity**
  – 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**
  – Padding oracle attack simulation

- **TCP using UDP** *April 2023*
  Computer Networks **Python**
  – Specyfying flags as (syn,ack,fin, ...etc) and timeout and understanding of both get and post requests

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