

Internship Evaluation & Reporting

Thank you for taking the time to complete this form, this evaluation will be used to assess the student's participation in the internship program.

Supervisors, using the form below please evaluate the student who interned with your organization, institution, or business. You can fill out this form electronically or you can fill it manually but eventually it must be signed and stamped from the company's side.

Please note that part I & III should be completed by the intern, part II should be completed by the direct supervisor in the company.

Part I. GENERAL INFORMATION - STUDENT'S INPUT

Student Info:

Student Name: Mustafa Imad Abdullah Alkendi GUC Student ID No.: 43-8548
Faculty: MET Major: CSEN

Student Mobile No.: 01155583384

Internship Info:

Company Name: Al-Mensoriya
Core Industry/Business: Trade and contract Country: Egypt
Supervisor Name: Nasser Hamada Mostafa Supervisor Job Title: senior Full-stack Developer

Supervisor Tel. No.: _____ Supervisor Mobile No.: 01030858502

Supervisor E-mail: NasserHamada2@gmail.com Training Department(s): programming team

Source of internships: (1) SCAD office (2) on my own (3) Referrals from GUC TA/Dr. (4) Recruitment website (5) others:

Work Place: (1) Organization (2) Head Office (3) Branch (4) Factory (5) Site (6) Others:

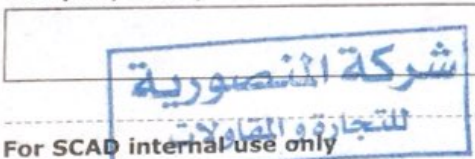
Part II. EVALUATION AND COMMENTS - DIRECT SUPERVISOR'S INPUT

Period of Internship (dd/mm/yyyy) From: 5/12/2021 To: 29/4/2022

Internship nature (Enrollment Status)

☒ Part time Please specify, no. of Days per week: 5 hours per day: 4
☐ Full time Please specify, no. of Days per week: _____ hours per day: _____

Company Stamp



For SCAD internal use only

Serial no.	SCAD Comment	Academic Reviewer Comment	Academic Reviewer Signature
			<input type="checkbox"/> Accepted <input type="checkbox"/> Rejected Reason of rejection: Signature:

Please evaluate student's performance by marking the appropriate box:

For each of the following aspects, please mark the box in the rating scale that most closely corresponds to your evaluation of the profile of the student during the internship period. Please also feel free to offer comments and suggestions for changes and improvements in the space provided at the end of the form.

1=Unsatisfactory 2=Below Average 3=Satisfactory 4=Above Average 5=Excellent

	1	2	3	4	5	NA
Skills & Professional Attributes						
Ability to adapt to change					/	
Analytical skills					/	
Collecting data/ research data skills					/	
Creativity				/	/	
Follow up skills					/	
Interpersonal skills with peers, supervisors, and clients					/	
Problem solving					/	
Punctuality				/	/	
Reporting skills					/	
Responsibility and accountability				/	/	
Stress handling					/	
Taking initiatives					/	
Teamwork					/	
Time management						
Other:						
Technical Background						
Technical Knowledge					/	
Compatibility of technical skills with the job					/	
Other:						
Command of Languages						
Arabic					/	
English			/		/	
German						
Other:						

1=Unsatisfactory 2=Below Average 3=Satisfactory 4=Above Average 5=Excellent

	1	2	3	4	5	NA
Computer Programs & Databases						
Please use space below in specifying the program/software used during the internship and evaluate student's performance accordingly						
Java Script					/	
Truffle Framework					/	
Ganache				/		
React Js				/		
Solidity					/	

Overall Evaluation of Student's performance and profile					
Unsatisfactory	Improvement needed	Meets expectations	Exceeds expectations	Exceptional	NA
			/		

General Comments & Recommendations: (kindly mention intern potentials, areas of further development or technical constraints encountered during the internship period)

Do you think similar candidates would fit in the Organization culture and qualify for job needs?

Yes No Maybe

/ ☐ ☐

Student Signature:

Mustafa Alkendi

Date:

29/4/2022

Supervisor Signature:

[Signature]

Date:

29/4/2022

Part III. INTERNSHIP REPORT – STUDENT’S INPUT

- This report has to be prepared by the student, it must be prepared and written in a **computerized** format, submitting the report in hand written format will not be accepted.
- Kindly refer to the Internship Report writing Guidelines on the GUC intranet – SCAD office folder.
- This report will be reviewed and evaluated from internal faculty members.

Internship Title: -- Full Stack Blockchain Developer Intern -----

Company / Organization Name: -Al-Mansoriya-----

Introduction: The primary goal of this report is to give a summary of the tasks performed, lessons acquired, and skills developed at Al-Mansoriya throughout my internship period. In the construction industry a lot of data is recorded and managed whether it be for construction reports, meeting reports, contract details, available and used vendor details, financial records, workers information, etc. vital and important information if gone or tampered with could lead to disaster and what Al-Mansoriya decided to examine different approaches other than the regular DBMS that would increase security and protect from vulnerabilities when recording and managing company data by developing a Blockchain Software application. the outline for the report goes as follows:

Introduction - Company Description - Internship performed Tasks - Internship Evaluation

Company / Organization Description: Al-Mansoriya was founded in 2007. Al-Mansoriya specialises in the construction of commercial, office, and industrial buildings, as well as water and electric infrastructure. General contractors, construction managers, programmers, and engineers make up the Company’s organizational structure. It is accountable for the daily monitoring of the construction site as well as vendor management and storage of materials equipment Al-Mansoriya also ensures that all stakeholders have an open channel of contact throughout the project. They also apply for building licences, direct people on site, coordinate timetables, and keep proper records in Al-Mansoriya. Their services also include site preparation, excavation, and commercial building, with a strong emphasis on delivering the finest quality service to each client in the shortest period of time.

Internship Performed Tasks: To develop smart contracts, Solidity, a programming language akin to JavaScript, is employed. The code of the smart contract is completely immutable, or unchangeable. This assures that all network nodes ensure the data's safety and immutability. Using Ganache as our own blockchain for Ethereum development. It is a distributed network, which means that all participants are responsible for the network's operation. We also utilised the Truffle Framework, which provides a set of tools for constructing Ethereum smart contracts in Solidity. We also utilised the Truffle Framework, which provides a set of tools for constructing Ethereum smart contracts in Solidity and providing a client side application built using The Truffle framework and React js. here are the task performed throughout the internship process:

- Smart Contract Management which entails creating smart contracts in the Solidity programming language and compiling them into bytecode for execution on the Ethereum Virtual Machine (EVM).
- Automated Testing which entails writing tests against your smart contracts to guarantee that they function as expected. These tests may be written in JavaScript or Solidity and executed on the Truffle-configured network.

- Deployment and migrations which entails writing scripts that migrate and deploy smart contracts to the company's Ethereum blockchain network.
- Client Side Development which utilizes Configuring the truffle project to host client side applications built with react js that communicate with the blockchain-deployed smart contracts.

Internship Evaluation: During my time at Al-Mansoriya, I learned a lot of things. All thanks to my supervisor, Eng. Nasser, and the rest of the development team's guidance and patience. I believe I have a better understanding of full stack development than when I took the Software Engineering course and advanced computer lab course, which were the most relevant to what we were doing in Al-mansoriya, in addition to expanding my knowledge of Blockchain development and smart contracts and actively learning about modern approaches to Blockchain development, not to mention my overall communication and teamwork skills. I now have a greater understanding of the responsibilities, hierarchy, work environments in a standard company, and how to fit into the system. I believe my expectations were met and I aim to join and work in Al-Mansoriya after graduation.

Conclusion: I was introduced to two industries in which I had very little experience and understanding, Blockchain development and civil construction. Nonetheless, I was educated on both topics, and I learned how to design a blockchain application and host it on a website using numerous tools like as truffle, ganache, and others to develop a system to record and manage a company's records and data. It appears to my personal observation that Blockchain Development might replace Networks and Database Management systems and be a regular occurrence in the future, particularly in the developing world. I was quite pleased with my stay in Al-Mansoriya and intend to have similar experiences in the future.

Please rate your satisfaction with the internship experience.

☒ Very satisfied ☐ Somehow satisfied ☐ Neutral ☐ Somehow dissatisfied ☐ Very dissatisfied

Would you recommend this internship to other colleagues?

☒ Yes ☐ No ☐ Maybe

References: (If any external sources are used, provide references for any information quoted)

Appendices: (Upon availability, charts, pictures, etc.)

Disclosure / Confidentiality Agreement

This agreement is to acknowledge that the information provided by any company / organization during the internship is unique to this business and confidential.

Therefore, anyone reading this agreement agrees not to disclose any of the information provided during the internship without notifying & taking the employer's / supervisor's approval.