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: _Said Mostafa Mohamed_ GUC Student ID No.: _43-7640_

Faculty: _Engineering_   Major: _MET_

Student Mobile No.: _01149984557_

Internship Info:

Company Name: _Agolo_

Core Industry/Business: _NLP_   Country: _Egypt_

Supervisor Name: _Mohamed Mostafa_   Supervisor Job Title: _Software engineer_

Supervisor Tel. No.: _+20 25166289_   Supervisor Mobile No.: _01018322156_

Supervisor E-mail: _Mohamed.Mostafa@agolo.com_ Training Department(s): _NLP-Frontend_

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)**   **(dd/mm/yyyy)**

From: _04/07/2021_   **To:** _30/09/2021_

Internship nature (Enrollment Status)

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

☑ Full time   Please specify, no. of Days per week: _5_ hours per day : _8_

Company Stamp

agolo

For SCAD internal use only

Serial no.	SCAD Comment	Academic Reviewer Comment	Academic Reviewer Signature
			☐ Accepted ☐ Rejected
			Reason of rejection:
			Signature:

ase 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

	1	2	3	4	5	NA
Javascript				✓		
Node JS			✓			
React				✓		
Express JS			✓			
Mongo DB			✓			

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)

Said is a very quick learner and great problem solver who is capable of expressing his thoughts and ideas clearly with also the ability to understand others and adapt their solutions, However, he still needs to work on improving his team working skills and time management and overcome the ~~perf~~ perfectionism that might come at the cost of delivering on time.

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

Yes	No	Maybe
✓	☐	☐

Student Signature:

Said Mostafa Mohamed

Date:

3/10/2021

Supervisor Signature:

Mahamed Mostafa

Date:

3/10/2021

Student Career & Alumni Development Office. scad@guc.edu.eg | German University in Cairo New Cairo City - Main Entrance Al Tagamoa Al Khames; Egypt

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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: Front end developer for an nLP project

Company / Organization Name: Agolo

Introduction: (Not less than 100 words) (should depict the main purpose of the report, covering the objective out of performing this internship in this industry/company specifically then cover the outline for the report's structure)

Company / Organization Description: (Not less than 100 words)

Internship Performed Tasks: (Not less than 100 words)

Internship Evaluation: (Not less than 100 words) (This section should answer the following questions in the form of a paragraph)

What skills do you think that you have gained from the internship? Did the internship meet your expectations? If not, please explain why? How do you think the internship will influence your future career plans? How do you think the internship activities that you carried out are correlated with your studies? Which of the academic courses that you have taken in GUC were the most related to your internship?

Conclusion: (Not less than 100 words) (A summary of key conclusions derived from the internship experience. general observations about the sector in which your internship company/institution operates)

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.

Introduction

The internship program has become a crucial link for those wishing to enter the corporate world. Through this internship, I was able to familiarise myself with the true working environment, which was very different from the course work I was studying. Not only has it allowed me to put my knowledge into more practice and testing, but it has also taught me many different ways to approach an actual project that serves a beneficial business plan.

I had the opportunity to work in the front end department during my internship to learn how a software company creates the products that are used as applications by various financial institutions.

My time at Agolo was more active in terms of learning through assignments. All of my experiences have enabled me to understand how certain aspects of the organisation are handled, such as group work, the workplace, and peer support. As a result, the time of the internship gave me the chance to increase my knowledge and recognise my strengths and weaknesses, both of which would be more beneficial to shaping my profession in the future.

Company Description

Agolo is a business that develops an AI-driven summarization engine that provides you with information quickly and accurately. Contrary to the limitations of manual summarization, Agolo is capable of producing millions of summaries of human-quality every day in real time while also capturing insights from numerous sources, creating tailored summaries for any user class or device. Agolo was founded in 2013 and has partnered with many big companies, including Microsoft, Google, M12, and many more. Agolo specialises in Natural Language Processing, Machine Learning, and Deep Learning. Agolo believes that the human mind is capable of developing paradigm-shifting insights that have the

power to drastically alter the course of an organisation. Agolo summarises information more thoroughly and quickly than any human. Agolo assists analysts in making strategic decisions rather than just processing data. Agolo summarises topics and news articles in real-time. Agolo uses web scraping to fetch thousands of new articles and automatically summarises them.

Internship Performed Tasks

An on-demand summarization project was requested by Lion Tree as well as Microsoft for Agolo to develop. They needed a tool that allows them to summarise documents and articles using Agolo's NLP summarization model through a web interface. This was meant to summarise the companies' documents or any text that they would input for the on-demand Agolo summariser.
My role was to work on the front end side of the project to integrate it with the API of Agolo's on-demand summariser, which was written in ExpressJS and SpringJS.
I was working on a ReactJS application that provides the user with a configurable interface that, given an article, will summarise it to the type of summary the user selected. We had 3 types of summaries:

1. **Bullet points summary,** which consists of a number of main points that are the core summary of the article, and that number is configurable (defaults to 5 bullet points and max 20).

2. **Coherent summary,** which is a summary for users that are more interested in a small, well-written, and constructive paragraph that represents the article summary. The number of words was also configurable (the default was 100 and the max was 500).

3. **Speakable summary,** this is a summary for users interested in an audio version, which is also playable through the website using an API that generates an audio for the summary using the Azure text-to-speech service.

User stories go as follows:

1. The user would input the article's URL or the actual text.
   a. In case the article is inputted as a URL, Agolo's backend will take care of scrapping the article and extracting the text from it.
2. The user chooses the type of the summary (coherent, bullet point or speakable) using a radio group.
3. The user will customise the configuration for each type, like the number of bullet points in the case of the bullet point summary or the number of words in the case of the coherent, using a number-formatted input form.
4. The user will then click "summarise", which will initiate an API POST request to the right Agolo's summarization endpoint that will return a body consisting of the summary and some extra data like the number of bullets or words.
5. Finally, in the case of the speakable summary, the user is allowed to click "generate audio," which will make another POST request API call to Agolo's text-to-speech using an Azure endpoint that will return playable audio, and the user will be able to play/pause/resume the audio.

Things we planned as future work:
   1.The ability for the user to edit the returned summary
   2.The ability for the user to save/delete summaries (which required authentication that wasn't ready yet on the back end)

3.The ability for the user to choose between different voices in the speakable summary

4. Allowing the user to download the summary along with the article text in multiple formats (PDF, Word, etc.),

Internship evaluation

During my stay in Agolo, I emphasised what I have learned in university about the web development field and the aspects of it. I learned about the different web components and how they are integrated with each other. I learned about the server side and the client side and the difference between them, as well as the languages that run on both sides, including Javascript, NodeJS, React, ExpressJS, SpringJS, MongoDB , etc. I also learned about the legacy code of Agolo's engine to understand how each API works. I learned about Swagger, which is a documentation platform that auto-generates the text into a website interface in order to understand each endpoint. I also learned how to work in a professional company and understood how to report work and ask for feedback by attending the daily meetings. I have been lucky enough to work with great supervisors who never held back when it came to giving me the right information. They taught me everything about the front-end aspects as well as gave me leads on how an NLP engine works.

Conclusion

I have been lucky enough to be accepted as an intern at Agolo. My stay in Agolo taught me how to operate in a true working environment. It also helped me realise things like teamwork, work environment, and peer support that are carried out in the company. Thus, the internship duration provided me with the opportunity to broaden my knowledge and acknowledge my strengths and

weaknesses, which would be helpful to shape my career in the future.

I have learned different technical skills in the front-end development field and I have improved my skills in dealing with the different aspects of it, including dealing with Javascript, React, and Spring. Mohamed, who is my supervisor, is a professional genius who taught me a lot of the things I know right now in the front-end development field.

Overall, the experience was crucial to shaping my skills and career.