

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: Ahmed Mahmoud Mosa'ad

GUC Student ID No.: 43-9092

Faculty: Engineering

Major: Media Engineering & Technology (MET)

Student Mobile No.: 01553391854

Internship Info:

Company Name: German University in Cairo

Core Industry/Business: ARAtronics Laboratory Country: EGYPT

Supervisor Name: Amir Roushyd Ali Supervisor Job Title: Assistant Professor

Supervisor Tel. No.: +53567

Supervisor E-mail: amir.ali@guc.edu.eg Training Department(s): Research

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: 22/11/2021

(dd/mm/yyyy)

to: 22/02/2022

Internship nature (Enrollment Status)

Part time

Please specify, no. of Days per week: 2 days hours per day: 8 hours

Full time

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

Company Stamp

ARAtronics Lab

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:

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

MatLab
ARDUINO

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)

Yes No Maybe

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

Student Signature:

Date:

Supervisor Signature:

Date:

May 24th 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:**Company / Organization Name:**

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)

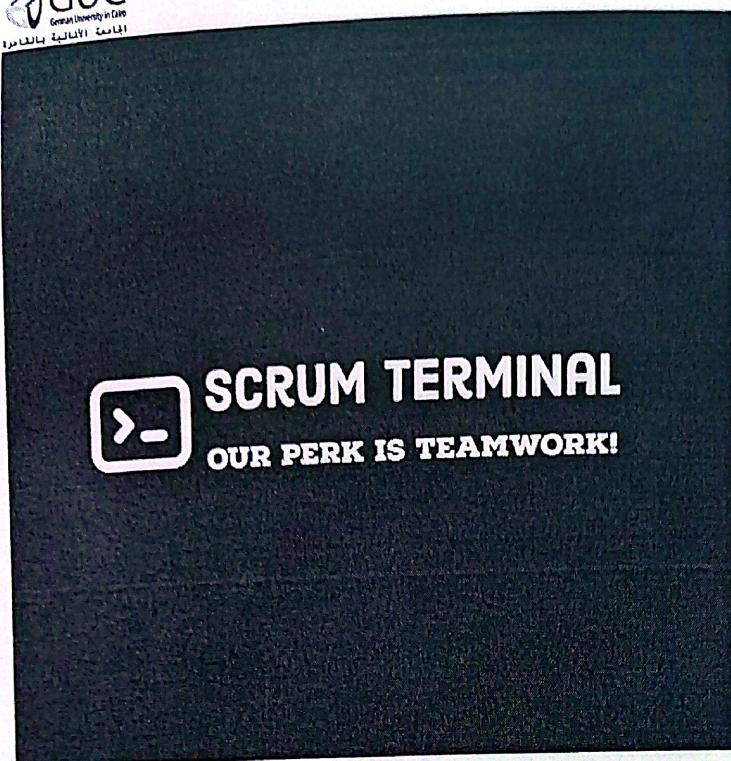
In the last months, I was looking for an Internship that helps put some of my education into practice, I found an opportunity to work under the supervision of Assist. Prof. Dr Amir R. Ali (ARAtronics Lab Group Director) to create a project that allows agile project management, which was initially developed, primarily for ARAtronics lab members and could be extended beyond that to a wider scope. In the next sections, I will talk more in depth about the Organization I'm working under and Tasks performed to develop the website. Then I'll wrap with the skills that I've gained from all of this experience.

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

The ARAtronics Research Facility (Applied Science and Robotics Laboratory for Applied Mechatronics) at the German University in Cairo is a multidisciplinary research and development centre for opto-mechatronics solutions. Traditional Mechatronics systems are eager to produce a typical closed-loop feedback control for every automation system. At the ARAtronics Research Center, they're working on very sensitive micro sensors and actuators that will considerably improve the traditional Mechatronics close-loop feedback algorithms. The importance of using these micro-optical sensors and integrated with the typical Mechatronics systems will open the door to introduce a new technology based on the opto-mechatronics devices. One of Their goals is to integrate some of the optical components to the typical micro-electro-mechanical systems (MEMS)

Internship Performed Tasks: (Not less than 100 words)

As previously stated, the primary goal of this project is to create an Agile Management System that will allocate projects to members of the ARAtronics laboratories and track their progress based on the expected and actual burn rate in every project, and it's usually visible and monitored by the scrum master. We learned about the agile management principles and how to apply them. The core of the web application is the board, in which Backlog of a project and sprints are. Also, the web application is integrated with Whiteboard and Video-conferencing APIs for sharing ideas and team- meetings respectively. I was working in a Team of two, my tasks involve querying the backend and building the appropriate front-end using ReactJS front-end web-framework.



Sign up to Scrum Terminal

Sign up

Have an account? Sign in

Email

Username

Password

Retype password

Sign in to Scrum Terminal

Email address

Forgot account?

Sign in

New to Scrum Terminal? Create an account

achinder214

Roadmap

Backlog

Board

White Board

Backlog

Task 2

Task 3

+ Create Task Issue

Create Sprint

3 story points ...

Sprint Info ...

Sprint Date:

20-4-2022

End Date:

29-4-2022

i Start Sprint

2 story points ...

SCRUM sprint1

Task 4

i Start Sprint

SCRUM sprint2

Search

achinder214

Roadmap

Backlog

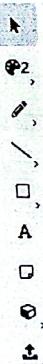
Board

White Board

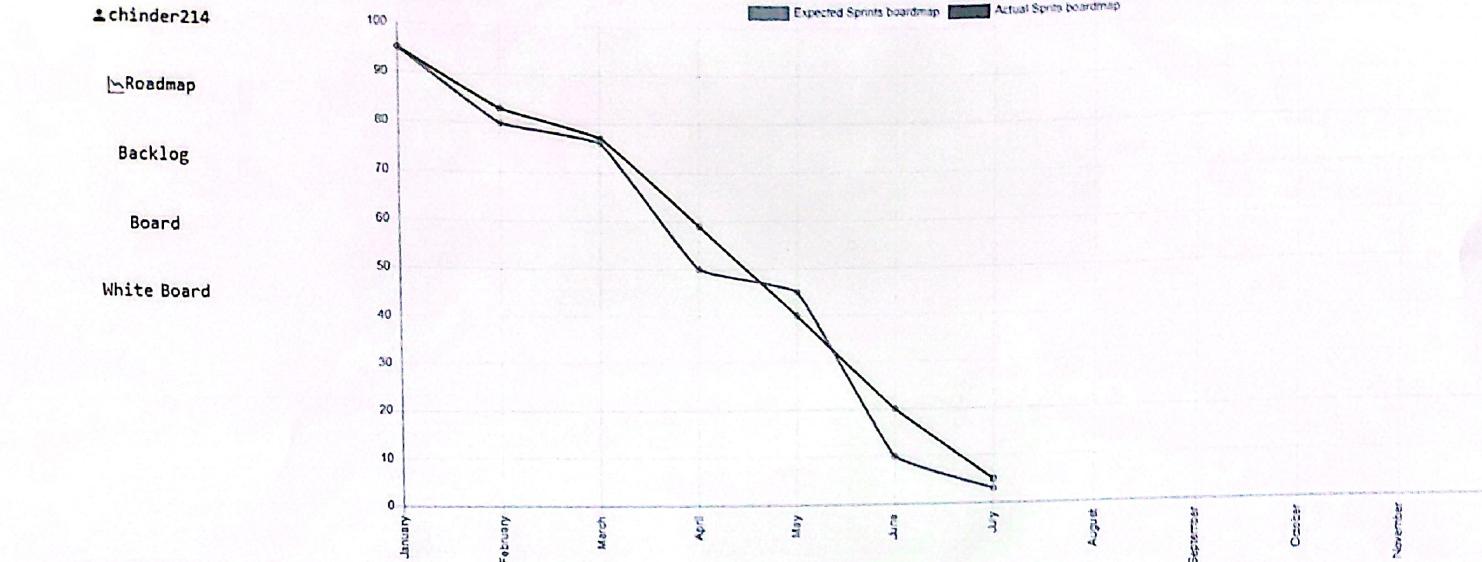


ARAtronics

5 C Q 100% - Q O X



SARATronic
Lab 101



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

I learnt a variety of technical and non-technical skills throughout. Technically wise, I became very familiar with the ReactJS framework, In addition to Django framework and the GraphQL API and how to integrate different layers from the PostgreSQL Database Layer to the front-end. Also, I acquired different skill levels in programming with different script languages like Typescript and JavaScript, In terms of non-technicality, after cooperating with my colleagues and exchanging tasks, I am now capable of functioning in a group, more capable of multitasking and have solid personal time management skills.

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)

In a nutshell, this internship has been a great learning opportunity. I can safely conclude that my time at the ARAtronics and under the supervision of Assis prof Dr.Amir R. Ali taught me a lot. Needless to say, the technical components of the work I've done aren't perfect and, given enough time, may be improved. As someone who had no prior experience with Django or GraphQL, I believe the time I spent researching and learning it was well worth it, and that it helped me find an acceptable solution for building a fully functional web service. Time management and self-motivation are two of the most important things I've learnt.

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.