

# MOHAMMAD GHARBAT - INTP



## PERSONAL

Name : Mohammad Sameeh Gharbat  
Date of Birth : 4/7/1998 - **20-years-old**  
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## OBJECTIVE

[looking for internship/training in IT company as machine learning R&D fellow, or software engineer , I love to mix between theoretical and practical to build efficient apps]

## ACHIEVEMENTS

### [1<sup>ST</sup> PLACE IN I2S]

I got first place in the i2s contest, I designed, developed and launched a virtual startup company with its IT apps , the judges were from many well-known organizations.

### [WINNER IN GITHUB LOCAL HACK DAY HACKATHON]

I was one of the winners at GitHub local hack day hackathon. I developed an application for hack testing (competitive penetration testing platform, Pinlab ) ,held at Jordan University, this system is currently used in my university for the computer security courses in which the student test their practical skills in real world security problems.

### [6<sup>TH</sup> BEST GRADUATION PROJECT IN ITSAF CONFERENCE]

6th best graduation project in ITSAF 2019 out of 56 projects from 19 universities, Under the patronage of communication minister, I participated when I was in my 3rd year in the collage.

## TECHNICAL SKILLS

- Strong ability to develop full, well-structured web apps using PHP (pure, Laravel) , HTML, CSS(sass), JS and their related Frameworks.
- Excellent in OOP programming.
- Very good in relational DBMS such as MySQL and portable databases such as SQLite.
- Good in making WEB crawlers using python(BS4) and PHP.
- Good in API `s` design with OAuth.
- Excellent in UI/UX design and prototyping using PS, IL and Adobe XD.
- I can deal with GIT services such as ( bitbucket , GitHub - I use Bitbucket ).
- I currently study Machine Learning (supervised, unsupervised) beside my CS degree in college , and I have published a paper about NLP/Machine learning (see publications for more details) .

**EDUCATION** [SECOUNDRY, JIZA HIGH SCHOOL, AMMAN, 2016]  
Scientific section

[BSC, UNIVERSITY OF JORDAN, AMMAN, 2016-PRESENT]  
Very good GPA in Computer Science

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**PROJECTS** [ARENA.IO]  
I built a web/desktop platform for competitive programming contests with REST API , check it out on arenaME.io[currently offline , but I will be very happy to show you it on my localhost ]

[PINLAB]  
Competitive penetration testing platform with its own isolation system, built from scratch using PHP 7, MySQL, it can handle any web exploit as a question with a totally customized cheat prevention system that automatically works behind the scene.

Beta version : <https://penlab.gharabat.com>

[APC]  
Arabic Poem Classifier - Machine learning model to classify Arabic poem (Abbasi, Andalousi, etc..) trained with my own web scraped datasets (10K verse == 30K words), can achieve a 70.5% accuracy with SVC algorithm.

[ExpireQ]  
C# WFA application that can track, handle and manage products expiration dates, I've used SQLite as local storage, Microsoft Azure for cloud storage and synchronization, it comes with nice and easy to use user interface

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**EXPERIENCE** 🏠 [PEAK] –JUNIOR FULL STACK WEB DEVELOPER [1/11/2018 – PRESENT] -PART TIME

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**WORKSHOPS ATTENDANT** (1) - [attendant] FORC - a 7 hours workshop about digital forensics , and based on this workshop I will go for a 16 day scholarship in Ireland about digital forensics in which we mix between law and IT , and then transfer this knowledge from europe to jordan .

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**PUBLISHED RESEARCHES** (1) - (Discovering the Applicability of Classification Algorithms with Arabic Poetry) – 2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology *Mohammad Gharbat\** , *Heba Saadeh* , *Reem Q. Al Fayez* (The only undergraduate student with accepted paper out of 357 submissions by Ph.D.'s and high degree holders.)

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**PUBLISHED ARTICLES** From time to time, I write long articles in my blog, hundreds of readers read these articles monthly, here is a list of them, with a simple desc. Of each:

- How to design and implement a simple but effect search engine in Arabic ?  
<https://gharbat.github.io/search/>
- How to convert C (LLVM) codes into web compatible JavaScript Code ?  
<https://gharbat.github.io/emsripten/>

- More articles can be found @ my blog  
<https://gharbat.github.io/blog.html>

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## LANGUAGES

[ARABIC – NATIVE]

[ENGLISH – VERY GOOD]