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| **Mai Chaouat** |

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# Profile

# MTA Computer Science BSc student with experience in C, C++, C# .Net framework, Python and more. Former intelligence corps officer with 5 years of experience with GIS data. Self-managed with Excellent communication and teamwork skills. Looking for a software engineer position.

# Experience

## monitor | RAPYD FINTECH company| april 2023 – present

* Monitored version’s release (Agile method) and design triggers and dashboards using Kibana.
* Investigated network communications logs based over HTTP protocol and conducted system analysis.
* Technologies: Postman, Rest API, JIRA, Kibana, Looker, Datadog, Salesforce, SQL, AWS.

## Data analyst - Officer | UNIT 9900 Intelligence CORPS | August 2016 – aPRIL 2021

* Analyzed and managed classified data using geo processing tools, GIS ESRI software, SQL and Excel.
* Led a team of 5-10 data analysts in the GIS domain, establishing new teams that resulted in a 60% increase in projects volume.

# Education

## BSc in Computer science | The Academic College of Tel Aviv Yaffo | 2021-Current

* Courses: Operating system internals, TCP/IP networking, Object-Oriented Design (OOP), Databases and SQL.

**Projects** (GitHub links attached)

## [Web Map application](https://github.com/maichaouat/MapWebsite)

* Developed a map website that retrieves images data from the Mapilary API based on the user's current bbox. The application uses a **caching mechanism and multi-threaded programming** to enhance performance. Key Technologies: **Python (folium, flask), JavaScript, QGIS, HTML, opensource API**

## [Facebook desktop application](https://github.com/matanhayon/Design-Patterns-with-Facebook-API/tree/master)

* Developed a unique Facebook application featuring new capabilities, such as album sorting, album downloading, and post statistics. Implemented multiple **design patterns multi-threaded safe** to enhance both functionality and maintainability. Key Technologies: **C# (windows forms), .NET framework, API**

**Skills & Tools**

* Programming Languages: C++, C, .NET/C#, Python, HTML, CSS.
* Tools: Git, Salesforce, JIRA, Kibana, Docker, Postman, Windows environment, Excel, GIS