

EDUCATION

Lattakia, Syria	Tishreen University	Nov 2019
<ul style="list-style-type: none">• 5-th year studying Information Technology Majoring in Software Engineering. (GPA of first 3 years: 90%)• Undergraduate Coursework: Software Foundations; Computer Architecture; Algorithms; Artificial Intelligence; Graphic Design; Computational Theory, Operating Systems; Databases; Algorithms; Programming Languages; Comp. Architecture; Communication Skills; Organizational Management.		

Projects

- **Aqari – Real Estate Mobile Application (2025)**
 - Android application developed using **Flutter** with **GetX** for **state management** and routing, and **MVC architecture**, integrated with a **Django** backend.
 - Implemented **JWT authentication** (access & refresh tokens) with secure token refresh handling.
 - Built features for **user authentication**, profile management (updatable except for email), seller mode activation, and property creation with facilities, pricing, and specifications.
 - Enabled users to **update or withdraw** their owned properties from the market at any time.
 - Integrated **OpenStreetMap** for property location selection, **searching for places/addresses**, displaying them on the map, and showing the **shortest path** from the user's current location to the target.
 - Developed **search filters** allowing users to filter properties by type (rent/sale), number of rooms, location, price, and area, with sorting options.
 - Implemented a **favorites list** where users can save preferred properties, receive related notifications, and track their own listed properties.
 - Built **real-time chat** and **real-time notifications** using **WebSockets**, enabling instant buyer–seller communication.
 - Integrated **FlutterLocalNotifications** for foreground and background alerts related to messages and property updates.
 - Collaborated with the backend team using **Docker** to run and manage the server environment during development and testing.
 - Designed and optimized a **responsive UI** with **dark and light themes**, ensuring smooth performance and scalability.
 - Applied **REST API** integration for backend communication and implemented **code optimization techniques** for performance improvements. ([GitHub - HadiAlhamed/flutter-django-realestate-maps](#))
- **Media Player** (2023). Desktop application made using Qt Creator and C++ allowing user to Play mp3, mp4, mkv media files. (<https://github.com/HadiAlhamed/Qt-media-player>)
- **To-Do App** (2024). Android application made using Flutter and GetX allowing user to Schedule Tasks (<https://github.com/HadiAlhamed/to-do-flutter>)
- **Notes App** (2024). Android application made using Flutter and Firebase allowing user to write his notes and add a media file (photo or any image) (<https://github.com/HadiAlhamed/notes-flutter-firebase>)
- **Chat App** (2025). Android application made using Flutter and Firebase allowing user to chat with users registered on the app ([HadiAlhamed/flutter firebase chat](#))
- **MasterChef Food Service** (2025). Android application made using Flutter for android and Django for backend which has 3 types of users each with his use-cases ([HadiAlhamed/Master-chef-flutter-django](#)).

ACHIEVEMENTS

- Ranked 2nd first and second college years
- 6-th Place at Tishreen Colligate Programming Contest 2023 (TCPC)
- 40-th Place at Syria Colligate Programming Contest 2023 (SCPC)
- Two times TCPC and SCPC Contestant.([Mr. Hadi Alhamed | ICPCID](#))
- Specialist on Codeforces.

Skills

- **Software** (Proficient): C++, Qt Creator, MySQL, Oracle, HTML/CSS, Java, OOP, UML, Dart, Flutter, Bloc, GetX, REST Api, Docker, git, JavaScript, Typescript, Reacts, Zustand and Redux.
- (familiar): Python, Php.
- **Language**: Arabic(native), English(professional).
- **Soft Skills**: Problem Solving, Collaborative in A Team Environment, Time Management, Ability to Work and Adapt to Pressure at Work, Eager to Learn New Skills and Improve My Existing Ones.

Activities

- ACM Camp 2020 - 2022
Proficient With: Two Pointers Technique, Binary Search, Recursive Functions, Algorithm Complexity Analysis, Graph Theory, DFS, BFS, Dijkstra Algorithm, Memoization and Dynamic Programming, RMQ, TRIE Data Structure, DSU Data Structure, Combinatorics and Probability and More.
- Online internship on Intermediate Programming with C++ covering topics such:
STL Library, Smart Pointers, Templates, Variant, Clean Architecture and Design Patterns.