



Mahdi Al-Fakih

Web & Desktop App Developer



Contact

Address

Tyre, Tyre, 1601

E-mail

mahdialfakih00@gmail.com



Skills

Web development and design

Desktop application development.

Data security

Algorithm implementation

Game Development

Augmented Reality Development

IOS Development

Technical Support



Languages

English

French

Arabic



Professional Summary

- Logical and results-driven Web Developer dedicated to building and optimizing user-focused websites for customers with various business objectives. Judicious and creative when crafting effective websites, apps and platforms to propel competitive advantage and revenue growth. Technically proficient and analytical problem solver with calm and focused demeanor. Always learning and sculpting a stronger mental.



Work History

- Full-Stack Web Developer**

Companies

- Semicolon Programming and Security (2018 ~ 2019)
- Eduba (2019 ~ 2021)
- Mervah (2021 ~ Current)

Skills and Accomplishments

- Coded websites using all of the top three front-end JS frameworks/libraries like React and Vuejs.
- Planned website development, converting mockups into usable web presence with HTML, CSS, JavaScript, AJAX and JSON coding from scratch.
- Designed numerous websites with top CSS frameworks like Bootstrap 4 and 5, Semantic-UI, Material-UI and Vuetify etc...
- Coded web servers using PHP, NodeJS and Python languages that builds a secure bridge between user interface and database.
- Built back-end databases using both MySQL and MongoDB.
- Built many Python scripts to automate tasks that results in working more efficiently.
- Conducted many security researches and testings and participated in Google CTFs 2018 and 2019 and other known CTFs security competitions.
- Created and hosted Revue Visualizer using Vuejs 2 that helps visualize both Path finding algorithms (A*, Dijkstra, JPS) and Sorting algorithms after implementing them from scratch.



Desktop Application Developer

Companies

- Semicolon Programming and Security (2017 ~ 2018)

Skills and Accomplishments

- Worked with Electron JS and NodeJS to develop dynamic and interactive desktop applications with a focus on creating efficient and user-friendly solutions for windows/macOS/linux.
- Planned and Coded Avicinna Healthcare System Avicinna which is a comprehensive desktop application that streamlines the scheduling and management process for healthcare providers, offering features such as appointment scheduling, invoicing, patient history tracking, and demographic information management.
- Coded tools to help with development using Python and C++.
- Conducted many researches to find and test the best possible ways for encrypting and decrypting data and information related to the app.



Game Development

- Worked with Unreal Engine and C++ for about a year, doing various small solo projects.
Used Unity Engine with C# for 3 months reaching an intermediate level in this amazing and well designed engine.
Practiced Godot Engine with Python-like script and created small projects to master its simple and fast-forward services.
Game Development was an interesting and educative journey exploring different fields in coding and development.



Augmented Reality Development

- Worked with Unity Engine and Wikitude to develop multiple AR applications for both Android and IOS devices featuring 3D displaying, shadows, occlusion, logical interactions and various other implementations.



IOS Development

- Worked with Swift and Xcode for couple of months developing apps, games (using Apple's SpriteKit framework), and Safari Extensions for ios devices (iphone, ipad, ipod), while adjusting the layouts in both portrait and landscape mode.



Education

- Bachelor of Science: Computer And Information Sciences**

Lebanese University - Bint-Jbeil

Although I postponed completing my university degree, I leveraged the opportunity to gain valuable hands-on experience as a self-taught developer, starting my career during my first year of university.



More Info

- To view a comprehensive list of my projects, both individual and team-based, please visit my portfolio at <https://mahdiaf.netlify.app/>.

2018 -
Current

2017 -
2018

2018 -
Current