FATIMA DEKMAK

Junior Developer

I aim to apply my passion for programming in a dynamic development role. Seeking opportunities to leverage my skills and contribute to the design and implementation of cutting-edge software applications.

Beirut, Lebanon

(+961) 81 961 076

fatima.k.dokmak@gmail.com

GitHub Profile

LinkedIn Profile

EXPERIENCE

ML Research Assistant — *American University of Beirut*

Feb 2023 - Present

. Collaborating with a team on the development of an **Arabic Large Language Model** to enhance natural language understanding and processing in the Arabic language.

Software Engineer Intern — *WaveMark - Cardinal Health, Zalqa - Lebanon*

July 2023 - Aug 2023

. Gained proficiency in **Vue.js**, **Vuex**, and **Git** in an **Agile** development environment.
. Executed unit tests with **Jest** to ensure quality and reliability of the code of the company's product.

EDUCATION

American University of Beirut — MSC of Computer Science

Aug 2023 - Present

Lebanese University, Hadath - Lebanon — Bachelor of *Computer Science* (GPA: 86.88)

Aug 2020 - July 2023

Relevant Courses: Operating Systems, Network, Data Structures and Algorithms, Databases, Object–Oriented Programming, Design Patterns, Project Management, Android Development.

PROJECTS

Clinical Trials Matching System — *Dec 2023*

. Developed an information retrieval system using **Python** for matching patients to clinical trials.
. Utilized BERT model for advanced text analysis.
. Conducted thorough testing and validation, ensuring high accuracy in trial matching outcomes.

Genome Assembler Software — *Nov 2023*

. Developed a memory-efficient genome assembler in **C++**, awarded the Most Memory Efficient Assembly prize.
. Focused on optimizing data structures for handling large genomic datasets.
. Collaborated effectively in a team, using agile methodologies and Git for code management.

Weather Application — *July 2023*

. Developed a simple weather web app with **Vue.js** using an **API**.
. Created the required unit tests using **Jest** to ensure each unit of the code works as expected.

MealDrop Web App— *Apr 2023*

. Developed a multi vendor food-ordering app that includes admin, restaurant, and delivery dashboards using **Laravel**, **PHP**, **HTML**, **CSS**, and **MYSQL**

TECHNICAL SKILLS

- Python, Java (OOP), C++
- ASP.NET Core (C#), Spring Boot, Laravel
- HTML, CSS, JavaScript, PHP
- Vue.js framework
- SQL Server
- Git

KEY SKILLS

- Time Management
- Teamwork
- Leadership

Volunteering

- Volunteered in the **Annual Robotics Competition ARC8.** (April 2023)

LANGUAGES

- Arabic (Native)
- English (Proficient)