

Youmna Nasser

✉ Beirut, Lebanon ▪ ☎ (+961) 76 160 365 ▪ @ youmna.nasser01@gmail.com ▪
🇱🇧 Lebanese Nationality ▪ ♀ 23 years - single

Academic Background

- 2020–2021 **Research Master (MR2)**, *Information Systems and Data Intelligence, Faculty of Sciences - Lebanese University, Lebanon.*
- 2019–2020 **Master 1**, *Master 1 in Computer Science - Lebanese University, Faculty of Sciences, Lebanon, .*
- 2016–2019 **Bachelor in Computer Science**, *Lebanese American University, Received a scholarship from the University Scholarship Program Funded by USAID, Lebanon.*

Computer Skills

- Programming languages C language, Java, C++, Python, R language, MATLAB, HTML/XML, PHP, JavaScript, JQuery, JSON, CSS, AJAX
- Operating systems Windows, Linux (Ubuntu)
- Databases MySQL, MS SQL SERVER, ORACLE, SQLITE, FIERBASE
- Tools Git & GitHub, Jupyter Notebook, Docker, Visual Studio Code, Android Studio, Slack, Microsoft Office
- Softwares RapidMiner, MATLAB, Octave, Eclipse, Android Studio, ArcGIS Pro, Unity, Protege, IntelliJ IDEA, RStudio, Omnet ++

Internship

- Title *Web Programming Internship at IDS Company - Summer 2018*
- Description Building webpages using HTML and CSS.
Adding interactions to webpages using JavaScript, AJAX and JQuery.
Building Database using SQL Server.
Developing a full website using Visual Studio, ASP.Net, C#.Net, Entity Framework and ASP Membership.
Developing web services used along the website.

Title	<i>Cross Layer Protocol for Data Collection in Wireless Body Area Networks at MIS Laboratory (Master 2 Internship) - Spring 2021</i>
Description	Implementing a new solution that inter-crosses different layers of OSI model to reach a reliable and energy efficient data collection protocol in wban using Omnet++ simulator and C++ language. Generating datasets that represent the different postures of human body using MATLAB. Conducted performance evaluation and results analysis.

Projects

Data Mining, R	Mall Customer Segmentation Data Analysis
SQL, Power Bi	Transforming Tabular Data into a Relational Database and Visualizing the Data on a Dashboard
SQL, Oracle	Implementing a Museum Relational Database
Python, Tensor Flow	Real-Time Face Mask Detection
Web: ASP.NET	Employers Attendance Management Website
Java, GUI	Smart Inhaler Mobile Application. Connect4 game with AI Game.
Multi Thread	Time-Cost Stamped Mail Protocol Implementation.
Java, Java Sockets	Implementation of a collaborative computing protocol where multiple clients could send code(source code, byte code) to a server and receive the result of the code execution.
Android	Hospital Management System with security implementations and cryptography. Capstone Project: Implementing a mobile application about Public Transportation that helps both Passengers and Drivers
Omnet++, C++, MATLAB	Masters Thesis Project: Implementing a cross layer reliable energy efficient protocol for data collection in wireless body area networks

Additional Activities

Community Service Project: 1-Road Safety 2- Basics of Programming free course
Volunteer teacher in Maths and Sciences at Mohammad Khaled Social Institute, Al Hadi Institute and MMKN.

Languages

Arabic	Native Proficiency
English	Proficient