

Ramy Khoury

JUNIOR FIRMWARE ENGINEER

PHONE: +961 76 719 181 • EMAIL: RAMYKHOURY23@GMAIL.COM • ADDRESS: SIN EL FIL., MATN, MOUNT LEBANON, LEBANON • [WWW.LINKEDIN.COM/IN/RAMYKHOURY](https://www.linkedin.com/in/ramykhoury)

SUMMARY

Highly motivated and freshly graduated Master's degree holder in Computer and Telecommunications Engineering seeking to establish a successful career in the field of advanced software/hardware technologies and methodologies, with a keen interest in developing innovative AI and IoT solutions. Equipped with a diverse skill set encompassing research and development, artificial intelligence and machine learning, hardware implementation, and software development.

EXPERIENCE

JAVISTA Services S.A.L. , Sin El Fil, Lebanon

March 2023 till July 2023

Junior AI/Machine Learning Software Architect

- Conduct market studies to identify gaps in existing solutions and find the best technologies and services for meeting the project's functional requirements.
- Design a scalable architecture through the creation of a conceptual and data model.
- Conduct experiments on topic modeling algorithms using Python, evaluating each one to determine the most suitable algorithm for the project.
- Build prototypes.
- Develop a user interface that presents visualized data and includes a configuration panel, allowing users to modify the solution's engine workflow.

Stitchain, Dubai UAE

November 2021 till March 2023

Junior Research & Development Engineer

- Perform experimental studies to support the research & development side of the project.
- Supply technical documentation, learning materials, and manuals to facilitate software engineers in gaining a comprehensive understanding of the project at hand and its effective technical implementation.
- Participate in the testing process including specification and planning.
- Conduct market research to evaluate available machinery options, initiated communication with manufacturers, and facilitated inquiries for machinery procurement.
- Review designs, architecture, and cost estimates.

Softflow, Jdaideh, Lebanon

August 2021 to September 2021

Software Engineering Intern

- Assist with web development using HTML5/CSS3/JavaScript and Microsoft Azure.
- Implement code and unit test.
- Develop database-driven web application.

EDUCATION

Master's degree in Computer and Telecommunications Engineering

- Lebanese University, Faculty of Engineering.
Roumieh, Mount Lebanon.

July 2023

CERTIFICATIONS

- **Cisco Certified Network Associate**, Cisco Networking Academy
- **BeirutAI Hackathon**, Contestant

August 2022

May 2020

TECHNICAL SKILLS

- **Programming languages:** Assembly, C/C++ , C# , JAVA , Python, Javascript, MATLAB/Simulink, Solidity, Power FX0.
- **Cloud computing service:** Microsoft Azure.
- **Engineering Software:** Proteus, Labview, Wireshark, Cisco Packet Tracer, Logism, Eagle, MPLab, VS, VSCode, Android Studio , ADS.
- **Embedded Systems and IoT Protocols:** NFC (NXP NTAG series, STMicroelectronics ST25 series), Arduino Uno, MICROCHIP microcontrollers, FPGA.

VOLUNTEER EXPERIENCE

Scouts Du Liban

Chef Clan, Groupe St. Rita Sin El fil.

ADDITIONAL INFORMATION

Languages: Proficient in English, French and Arabic.

Interests: Community service, music performance and running.