KARIM MRAD

Chhim, Lebanon

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EDUCATION

Aug 2017 – Dec 2021	**Lebanese American University, Byblos, Lebanon** BE in Computer Engineering
Sept 2003 – May 2017	**Rafic Hariri High School, Saida, Lebanon** Lebanese Baccalaureate – General Sciences

EXPERIENCE

June 2021 – Present

CCI (ICT Innovations), Beirut, Lebanon
Networks & Security Engineer
- Worked with Fortinet firewalls to implement enterprise system protection
- Worked with Kaspersky security products to implement enterprise security
- Worked on secure routing and switching implementations

Oct 2020 – Jan 2021

GYM 4.0, Beirut, Lebanon
Software Engineer
- Developed backend solutions to handle client/server and client/client communication using Node JS and other technologies
- Developed on-premises design for the company backend
- Worked on Android applications to properly implement the company vision

Jun 2020 – Aug 2020

Lebanese Armed Forces, Kfarshima, Lebanon
Networks Engineering Intern
- Worked on the SIEM Cyber Security solution (ELK Stack with Beats and Apache Kafka)
- Configured routers and switchers for the Military Resort
- Basic server troubleshooting

Aug 2017 – Mar 2020

Lebanese American University, Byblos, Lebanon
Student Assistant at the Library IT Department
- Provided technical support to students with computers, networking, and printer issues
- Maintained functionality of all computers, printers and scanners in the building

PROJECTS

- **Digital Piano Tutor (Hardware + Software Project, Final Year Project)**
- **RNA Sequence Processing Application**
- **Smart Geo-Locator Application**
- **Line Follower Rover with Memory**
- **Travel Agency Mobile Application**
- **Quadratic Equation Solver Application**
- **Bluetooth Corona Tracker Application**
- **Solar Tracker**
- **Digital Door Lock**

SKILLS

Programming Languages: Java, GoLang, C, Python
App Development: Android Studio
Web Development: HTML, CSS, JavaScript
Hardware: PSpice, Altera Quartus, Easy 68K, Assembly, VHDL, Verilog
Computer Skills: Node.js, SQL, XML, JSON, ArcGIS, Virtual Machines using ESXi, Microsoft Office
Soft Skills: Public Speaking, Problem Solving, Communication, Teamwork
Languages: Fluent in Arabic, English, and French (spoken and written)

CERTIFICATES

Mar 2021	**Microsoft Azure Fundamentals**
Aug 2020	Psychological First Aid by John Hopkins University on Coursera

ACTIVITIES & INTERESTS

Sept 2020 – Present	President of the LAU Music Club
Aug 2020	Participate in the Gothenburg Openhack Hackathon
Aug 2019 – May 2020	Treasurer of the LAU Music Club
Aug 2017 – Dec 2019	Volunteer in the Buddy Program
Sept 2014 – May 2017	MUN (Best Delegate Award, Diplomacy Award…)