

Internship Completion and Recommendation Letter

April 30, 2024

To Whom It May Concern,

Internship Completion

This is to certify that Mr. Karim Sherry successfully completed an internship at Beyond Silicon Solutions from February 1st 2024 to April 30th 2024. During his internship, Karim demonstrated a strong foundation in engineering principles and applied his knowledge in two key areas:

- **Hardware and Firmware Development:** He implemented a firmware upgrade library specifically designed to run on Raspberry Pi using Python. This library streamlines the process of updating firmware, showcasing his understanding of embedded systems and scripting languages.
- **Software Development:** Karim also developed a batch API to operate within a .NET environment, targeting SFP+ interfaces. This API demonstrates his proficiency in software development frameworks like .NET and his ability to collaborate under source control.

In addition, Karim gained valuable experience in circuits analysis, further solidifying his understanding of hardware fundamentals.

Recommendation

Throughout his internship, Karim consistently impressed me with his positive qualities. He is a dependable individual who always arrives on time and is prepared to tackle tasks. His work ethic is commendable; he is a dedicated and hard-working individual who consistently puts in the extra effort to ensure projects are completed to a high standard.

Beyond his work ethic, Karim is a true engineering enthusiast. He possesses a genuine passion for learning and a strong desire to expand his knowledge base. He is always eager to take on new challenges and readily asks insightful questions to gain a deeper understanding of engineering concepts.

Karim's positive attitude, combined with his strong technical skills and eagerness to learn, make him a valuable asset to any team. I am confident that he will continue to excel in his chosen field and make significant contributions. I highly recommend him and have no doubt that he will be a success.

Please do not hesitate to contact me if you require any further information.

Sincerely,

Majdi Richa, M.Sc., PhD



Embedded Systems Consulting Engineer

BSS – Lebanon

Email: mricha@beyond-si.com

Office: +1-508-709-7010

Cell: +961-3-559-815

Beyond Silicon Solutions SAL (Offshore)

Patriarcat Str. Beirut Digital District

BDD1227 - Block B, 4th floor, Beirut 1107-2026, Lebanon

VAT: 1894194 – Commercial Register: 1810423

www.beyond-si.com