

KHOULOU LOBNAN ISSA, CURRICULUM VITAE

🏠 Lebanon 📅 October 13, 1995 📞 00961 76 872 876 ✉ 13khouloudissa@gmail.com

CURRENT SITUATION

DEC 2021 – PRESENT	Laboratories Supervisor, PHOENICIA UNIVERSITY Full-time job as a director of Science, Technology and Engineering Laboratories: Maintaining conditions of equipment and ensuring safe conduct in compliance with International Policies and Procedures. Controlling hazards, monitoring dangerous conditions, and correcting errors.
DEC 2020 – PRESENT	Biomedical Research Engineer, IUL UNIVERSITY Project aims to develop automatic detection model of Premature Ventricular Contractions in Electrocardiogram using Machine Learning Methods.

EDUCATION

2020 – PRESENT	Master 2 Research/Biomedical Engineering, IUL UNIVERSITY
2014 – 2019	Bachelor of Engineering/Biomedical Engineering, IUL UNIVERSITY

PROFESSIONAL EXPERIENCE

MAR 2017 – 2020	Administrative Officer, IMS MEDICAL CENTER Part-time job at the Office Management and Administration.
SEPT 2018	Biomedical Engineer, ALAEDDINE HOSPITAL Part-time intern at the Biomedical Engineering department: Repairing and maintaining Medical Equipment and Information Systems.
JULY – AUG 2018	Biomedical Engineer, TIME INTERNATIONAL COMPANY Full-time intern at the Service and Maintenance department: Repairing and installing Ultrasound Machines and Systems.
JULY – SEPT 2017	Biomedical Engineer, LABIB MEDICAL CENTER HOSPITAL Full-time intern at the Biomedical Engineering department.

CERTIFICATIONS

MAY – JUN 2020	Certificate of Excellence/Best Practices for Biomedical Research Data Management, HARVARD MEDICAL SCHOOL AND NIH
2 – 3 MAR 2019	VEX EDR ToT Robotics Workshop, VEX ROBOTICS

COMPUTER SKILLS

<i>MATLAB</i>	Analyzing, visualizing, and preprocessing large volumes of bio-signals, and images. Applying Machine Learning to data analytics.
<i>PYTHON</i>	Computing with the use of lots of libraries such as Numpy ...
<i>C/C++</i>	Programming in C/C++ for robots application like RobotC and others ...
<i>SQL SERVER</i>	Creating databases by using Microsoft SQL Server Management Studio .
<i>SIMULATION</i>	Performing testing and simulations using LabView , Arduino IDE , Proteaus ...
<i>VISUAL STUDIO</i>	Developing web applications to analyze and visualize data captured by sensors.
<i>MICROSOFT</i>	Working experience with Word , Excel , PowerPoint , MS Project , and AutoCAD ...

PROJECTS

<i>FEB 2021</i>	Deep Learning Model for Detecting COVID-19 from Chest X-ray Images Deep Residual Model ResNet-50 aimed to extract features and diagnose COVID-19 disease from chest X-ray medical images using MATLAB .
<i>NOV – JUN 2019</i>	Rehabilitation Glove Final Year Project aimed to design and develop a Rehabilitation Glove to help people with disabilities regain their hand function.
<i>MAR – JUN 2017</i>	Heart Rate Monitor Project aimed to implement a circuit controlled by a Microcontroller to monitor Electrocardiogram signals and calculate the pulse rate.

PUBLICATIONS

<i>IEEE-EMBS</i>	K. L. Issa , A. Rammal, A. Rammal and M. Ayache, " Fully Automatic Detection of Premature Ventricular Contractions: A New Approach Based On Unsupervised Learning ," 2021 Sixth International Conference on Advances in Biomedical Engineering (ICABME), 2021, pp. 202-207, doi: https://doi.org/10.1109/ICABME53305.2021.9604830 .
------------------	--

LANGUAGES

<i>ARABIC</i>	Native language
<i>FRENCH</i>	First language , Mastery of oral and written expression, B2
<i>ENGLISH</i>	Second language , Mastery of oral and written expression, IELTS 6.0

REFEREES

<i>DIRECTOR</i>	Prof. Dr. Mohammad Ayache , Dean of FoE, ✉ mohammad.ayache@iul.edu.lb
<i>CO-DIRECTOR</i>	Dr. Abbas Rammal , Professor, ✉ abbas.rammal@ul.edu.lb