

Mobile: +44 7423 844491 , +44 77 00000442
Email: J.Dib@kent.ac.uk, jihad.dib@gmail.com
Address: 2 Roper Road, Canterbury, Kent, CT2 7EH
United Kingdom
Websites: www.jihaddib.com

Jihad Dib

OBJECTIVE

Deadline-focused and experienced PhD. candidate and first-class honours graduate with 5-years of experience in IT Management, Project Management, Development and Systems Design and Implementation seeking a new challenge within a Part-Time employment opportunity.

COMPUTER SKILLS

Proficient in C/C++, VHDL, JAVA, .Net Core, ASP.NET, Python, PHP, SQL (including SQL Server Management), CSS, Html, JavaScript, Assembly, VoIP, PADS Logic, Mentor Graphics, Eagle, SPICE, Wired and Wireless Networks, Cryptography and Network Security, Embedded Systems, Microprocessors, Windows Server, LINUX, Ubuntu, Debian, Raspbian, MacOS, Automation, Quartus, MATLAB and Simulink, TINA, Mathematica and AutoCAD.
Excellent demeanor of Microsoft Office programs including Office365 Admin, Word, PowerPoint, Excel, Access, Flow, SharePoint.

LANGUAGES

Fluent in English, French and Arabic in the Oral as well as Written manner.
Beginner in Spanish and Japanese.

EDUCATION

Doctor in Philosophy (PhD.) In Electronic Engineering (Full Scholarship).

University of Kent (2018-Present) Canterbury, United Kingdom

Bachelor in Computer Systems Engineering (First Class Honors).

University of Kent (2015-2018) Canterbury, United Kingdom

Bachelor in Computer and Communications Engineering.

Lebanese American University (2008-2013 Transferred to the University of Kent) Byblos, Lebanon

Lebanese Baccalaureate II in General Sciences

Daughters of Charity Sec. School (2007-2008) Koura, Lebanon

Lebanese Baccalaureate I

Rawdat El Fayhaa Secondary School (1993-2007) Tripoli, Lebanon

WORK EXPERIENCE

Pearl Healthcare Group – IT Manager (2015 - Present), Canterbury, Kent, UK.

- House Automation System Implementation and Maintenance: Designed, implemented and maintained a home automation system for the group.
- Implemented the Petty Cash System (using PHP and MYSQL Database)
- Implemented Attendance and RFID Door Access System (using JAVA, RFID, Raspberry PI, PHP and MYSQL)
- Implemented the Equipment Booking System (using JAVA, PHP and MYSQL)
- Network Infrastructure Implementation and Management: Implemented and managed the network infrastructure for the company including the Wired Network, Wireless Wi-Fi network around the company's facilities and the VoIP desk phones for the staff members.
- Network Monitoring: Implemented a network monitoring tool able to detect and identify issues without any additional cost to the company
- IT Equipment Purchase and Maintenance: Made decisions regarding the purchase of IT equipment and handled their maintenance.
- IT Diagnostics: Troubleshooting and diagnosing every IT System used by Pearl
- Systems Consultancy: Consulted every system requisition and purchase.
- Systems Purchase and Maintenance: Decided which systems to be purchased from which source by comparing price quotations and negotiating the best offers possible
- Software Installation and Maintenance: Installed different software and maintained them.

- Database Management: Managed Pearl's database systems
- Web Design and Management: Participated in the design of Pearlhealthcare.com and its management
- Staff Training: Trained Pearl's staff members on how to use the main systems used by Pearl

University of Kent – Demonstrator (2019 - Present), Canterbury, Kent, UK.

- Lab Demonstration, mentoring and assessing (marking) third year and master's students in different topics: VHDL, C/C++, Matlab, Image Processing, Digital Systems Implementation etc.
- Assisting course convenors in organizing course material and sessions

J-Telecom Lebanon (start-up) - Founder (2013 - Present), Tripoli Lebanon.

- Founded the company
- VoIP Gateway Deployment and Configuration: Deployed and configured three different Gateway systems: Asterisk, FreeSWITCH and VoIP Switch
- SMS Gateway Deployment and Configuration: Deployed a proprietary SMS Gateway system and configured it.
- Website Design and Implementation (www.j-telecom.co.uk)
- Set-up VoIP Phones for customers
- Programmed and implemented Virtual Hosted PBX for customers with smart routing functions and error handling.
- Network Infrastructure Implementation and Management: Implemented and managed the network infrastructure of the company.
- Database Management: Managed all the company's database systems.

University of Kent– Academic Peer Mentor (2016 - Present), Canterbury, Kent, UK.

- Student Mentoring: Assisted students in programming, VHDL, and image processing courses.
- Mentoring Events Arrangement: Arranged different events such as APM open days and VR Events.

Books2Africa UK – Logistics (2015), Dover, Kent, UK.

- Book Referencing.
- Book Archiving.
- Data Storage in Computer Software

Ammar Electronics – Administration (2014), Tripoli Lebanon.

- Performance Tracking
- Warehouse Checkups
- Monitoring Accountants
- IT Support

Alfa Telecommunications – Radio and Network Planning Unit (2013), Beirut Lebanon.

- Network Performance
- Network Diagnosis
- Network Planning, Frequency Planning
- Site Survey, Drive Tests

Touch Telecommunications – Network Planning Unit (2012), Beirut Lebanon.

- Network Planning, Frequency Planning
- Site Survey, Drive Tests

Rawdat El Fayhaa Sec. School Tripoli, Lebanon.

- Founded the Technology Club

AWARDS

- University of Kent V.S. Université Paris X Nanterre Robotics Competition (1st place)
- IET Award for Best Overall Design and Performance Undergraduate 1st Year Robotics Competition (1st place)
- Judges Award for Imaginative Software and Hardware Design
- Saint Joseph University Science Fair (1st place) – Rawdat El Fayhaa Secondary School
- Lebanese American University Science Fair (3rd Place) - Rawdat El Fayhaa Secondary School
- Participation Certificate for the attendance of the Effective Communication Skills at Activia Training

RELEVANT COURSEWORK

Training: Effective Communication Skills - Activia Training, London United Kingdom.

Approaches to teaching: Developing seminar teaching and increasing student engagement – University of Kent

Courses: Image Processing and Biometric Security, Computer Security and Cryptography, The Robotics Project, Embedded Systems Design, PCB Design and Implementation, Digital Systems Design, Database Systems, VHDL Programming, COE Application (Mobile Programming), Software Engineering, Professionalism in Engineering, Artificial Intelligence, Machine Learning, Deep Learning, Database and the Web.

Projects:

The Robotics Project – Advanced Line Follower (The Beast) at the University of Kent

Smart Collision Avoidant Wheelchair (S.C.A.W.) – University of Kent

Real Smart Home (R.S.H.) with Machine Learning (Multiprotocol and Multiplatform System) – University of Kent

Continuous Signal Generation using VHDL – University of Kent

Remote Controlled Automated Delivery System (RCADS) – LAU Project

Automated Operations Room Management System (AORMS Software) for Hotel Dieu De France

Database Creation and Maintenance using ORACLE (Database Systems Final Project)

EXTRA-CURRICULAR ACTIVITIES

Reviewing Papers: IEEE Access Academic Peer Reviewer ([Publons Profile](#))

Volunteering: LAU Ripples of Happiness project team leader, Les Jeux De La Francophonie Beirut 2009 – Senior Volunteer, Books2Africa UK – Volunteer

Programming: University of Kent Robotics Project, Lebanese Army and LAU project, AORMS, RCADS Robotics Project, S.C.A.W. Project and R.S.H. Project, Pearl Systems Design and Implementation.

Painting: Won the Fabriano Competition (2nd place) : Lebanon and Canada.

Sports: Aikido (Black Belt Ikkiyu level), Basket Ball, Rugby, Soccer, Jogging and Diving.

Other: Reading, Researching, Project Management, member of the Institute of Electrical and Electronics Engineers (IEEE) , Member of the Institute of Engineering and Technology (IET), Member of the Internet Society (ISOC).

REFERENCES AND PROJECT DEMOS

Available upon request.