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Chekka (Lebanon)

Address: University of Balamand Atef Daniel Bldg., 2nd floor, Balamand101
Balamand (Lebanon)

ABOUT ME

Ambassador of TAC - Together Against Cybercrime International & Youth IGF Movement in Lebanon, Researcher at University of Balamand, Legal ICT Consultant & Sworn Expert at Lebanese courts.

WORK EXPERIENCE

Researcher

University of Balamand [01/01/2012 – Current]

Address: University of Balamand, Atef Daniel Bldg. 2nd floor, Balamand101 Balamand (Lebanon) - <http://balamand.edu.lb>

City: Balamand

Country: Lebanon

Name of unit or department: Digital Humanities Center - **Business or sector:** Education

Research Assistant

University of Balamand [01/12/2009 – 31/03/2012]

Address: Balamand101 Balamand (Lebanon) - <http://balamand.edu.lb>

City: Balamand

Country: Lebanon

Name of unit or department: Faculty of Sciences - **Business or sector:** Education

Ma3bar - the Arab Support Center for Free and Open Source Software

Legal ICT consultant

Ministry of Justice [30/03/2017 – Current]

City: Tripoli

Country: Lebanon

Sworn IT Expert in the Lebanese courts

EDUCATION AND TRAINING

Phd Computer Science

University of Franche-comté [01/04/2019 – Current]

Address: 32 Avenue de l'Observatoire, 25000 Besançon (France)

www.ubfc.fr

MA Educational Technology

University of Balamand [2014 – 2017]

Address: Balamand (Lebanon)

www.balamand.edu.lb

Digital Cataloging of Cultural Heritage

University of Pisa [2013 – 2013]

Google Tech

Google [2012 – 2012]

GNU/Linux Train the Trainers

LPI [2010 – 2010]

Address: (Lebanon)

MS Networking & Communication

University of Balamand [2007 – 2009]

Address: Balamand (Lebanon)

www.balamand.edu.lb

CCNA v.4 - Cisco Certified Networking Associate

CISCO Local Academy [2008 – 2009]

Address: Tripoli (Lebanon)

BS Computer Science

University of Balamand [2004 – 2007]

Address: Balamand (Lebanon)

www.balamand.edu.lb

LANGUAGE SKILLS

Mother tongue(s):

Arabic

English

LISTENING: C2 READING: C2 WRITING: C2

SPOKEN PRODUCTION: C1

SPOKEN INTERACTION: C1

French

LISTENING: C1 READING: C2 WRITING: B2

SPOKEN PRODUCTION: B2 SPOKEN INTERACTION: B2

PUBLICATIONS

Writer identification for historical handwritten documents using a single feature extraction method
[2020]

Chammas, M., Makhoul, A., & Demerjian, J. (2020). Writer identification for historical handwritten documents using a single feature extraction method. In *19th IEEE International Conference on Machine Learning and Applications (ICMLA 2020)*. Miami, United States.

TOWARDS ADAPTIVE CORPORA FOR DIGITAL HUMANISTS: NEW APPROACH TO DIGITAL SCHOLARLY EDITIONS

[2020]

Chammas, M., & Dannaoui, E. (2020). TOWARDS ADAPTIVE CORPORA FOR DIGITAL HUMANISTS: NEW APPROACH TO DIGITAL SCHOLARLY EDITIONS. In *CUKUROVA 5th INTERNATIONAL SCIENTIFIC RESEARCHES CONFERENCE* (pp. 398-406). Adana, Turkey.

An efficient data model for energy prediction using wireless sensors

[2019]

Chammas, M., Makhoul, A., & Demerjian, J. (2019). An efficient data model for energy prediction using wireless sensors. *Computers & Electrical Engineering*, 76, 249-257. doi:10.1016/j.compeleceng.2019.04.002

Using NoSQL databases for building heterogeneous annotated corpora

[2015]

Dannaoui, E., Chammas, M. (2015) 'Using NoSQL databases for building heterogeneous annotated corpora', In: (Proceedings) 21st LAAS International Science Conference «Horizon 2020: Advances in Sciences and technology». Beirut, April 15-17.

TIN CAN Client Elgg Plug-In: A Proposed Solution to Integrate Social Media with E-Learning Technolo

[2015]

Bitar, A., Melki, A. and Chammas, M. (2015) 'TIN CAN Client Elgg Plug-In: A Proposed Solution to Integrate Social Media with E-Learning Technology' In: (Proceedings) 21st LAAS International Science Conference «Horizon 2020: Advances in Sciences and technology». Beirut, April 15-17.

Improved Virtual Research En vironment Using a Massive Open Online Research (MOOR) Platform

[2014]

Chammas, M., Dannaoui, E. and Melki, A. (2014) 'Improved Virtual Research En vironment Using a Massive Open Online Research (MOOR) Platform', In: (Proceedings) 20th LAAS International Science Conference Advanced Research for Better Tomorrow. Beirut, March 27-29.

Integrating Next Generation SCORM with Social Networking Platform in Higher Education: A Case Study [2013]

Bitar, A., Melki, A. and Chammas, M. (2013) 'Integrating Next Generation SCORM with Social Networking Platform in Higher Education: A Case Study Using Tin Can API and ELGG', 8th International Conference New Horizons in Industry, Business and Education (NHIBE 2013), 29 - 30 August 2013 Crete Island, Greece.

ELGG: An Effective Open Source Social Media for Lebanese Higher Educational Institutions [2013]

Bitar, A., Melki, A. and Chammas, M. (2013) "ELGG: An Effective Open Source Social Media for Lebanese Higher Educational Institutions", 7th International Technology, Education and Development Conference (INTED2013), Valencia, Spain, 4-6 March.

DRIVING LICENCE

Driving Licence: **B**

PROJECTS

ADIP - Apprentissage à Distance et Innovation Pédagogique

[2015 – 2018]

ADIP: Apprentissage à Distance et Innovation Pédagogique: ADIP is a TEMPUS project aiming to prepare the partners from Lebanon and Egypt to innovate their educational practices mainly in using the competency-based curricula and e-learning. Our partners are from France, Romania and Belgium. I contribute in the project as a specialist in educational technology tools.

<https://ccib.org.lb/en/?p=post&id=65>

KOURA's Old Houses

[2016 – 2018]

The purpose is to study the domestic world of al-Koura and to build a GIS map showing all the old houses in the koura villages with their appropriate metadata. My role in this project is to create a global solution for a cultural GIS database that can be scalable and expandable to host multiple layers from different projects. This solution will be applied first to the Koura's old houses to represent its information on a geospatial platform. A study and assessment will be made for different available similar projects and tools.

PAVONE: Platform of the Arabic Versions Of the New Testament

[2012 – Current]

Pavone is the first database in the world, for the collection of Arabic texts of the four Gospels, conservation and study. I have been working on pavone since 2012 in cooperation with Dr. Elie Dannaoui and Father Loay Hanna. My input was on the design and development of the product structure and functionalities. Pavone now offers a huge collection of manuscripts, liturgical books of the Gospels, as well as, the Muslim - Christian apologetic literatures.

<http://pavone.uobdh.org/>

DH Platform

[2016 – 2018]

This project is under development as a proof of concept as an adaptive corpora by defining a new approach to digital scholarly editions. The DH platform is a state-of-art corpus for Digital Humanities. The importance of this project is to create a user-friendly environment for editing and publishing digital scholarly editions and to respond to all the digital humanists constraints on this field. The platform offers a simple lightweight interface for creating dynamic forms for handling heterogeneous source of text and data. The platform will contain a dynamic form builder that can be created by the humanists, without the need of a developer, to meet their needs. It will comprise a complete cycle of the text editing and publishing with the integration of the latest trends and technologies. The project is progressing rapidly since we started in the development phase in the beginning of the year 2015. The project is made to be scalable and expandable in the future. My input is on the research and development levels.

Lebanese Virtual Museum of Modern Art

[2016 – 2017]

Our department developed in collaboration with the ministry of culture and ALBA the first virtual museum in Lebanon. My input was on the management and follow up of the development process. Also in the study and decisions of the technology needs.

<http://artmodernmv.gov.lb/>

Balamand Museum for Arts & Culture

[2020 – Current]

Writer Identification for Arabic Historical Manuscripts

[2019 – Current]

HONOURS AND AWARDS

Winner of ICFHR 2020 Competition on Image Retrieval for Historical Handwritten Fragments

IAPR - ICFHR [10/09/2020]

ICFHR 2020 in TU Dortmund University, Dortmund, Germany

5th place in 2009 LCPC Lebanese Collegiate Programming Contest

LCPC Lebanese Collegiate Programming Contest [2009]

LCPC 2009 in LAU, Beirut, Lebanon

Stead Fast Guru certificate in 2009 LCPC Lebanese Collegiate Programming Contest

LCPC Lebanese Collegiate Programming Contest [2009]

LCPC 2009 in LAU, Beirut, Lebanon

Honorable mention in the 2009 ICPC Arab & North Africa Twelfth Regional Programming Contest

ICPC Arab & North Africa Twelfth Regional Programming Contest [2009]

ICPC 2009 in the Arab Academy for Science and Technology, Alexandria, Egypt.

ORGANISATIONAL SKILLS

Ambassador of TAC - Together Against Cybercrime International and Youth IGF in Lebanon

<http://yigflb.org>

JOB-RELATED SKILLS

Sworn ICT expert in the Lebanese courts

OTHER SKILLS

Other skills

- ❖ Awarded the ISOC Chapter Travel Fellowship in 2013 to represent Lebanon in the Chapter workshop, INET and Internet Hall of Fame Induction Ceremony in Istanbul, Turkey
- ❖ UOB Coach in 2010 ICPC Arab & North Africa Thirteenth Regional Programming Contest in LAU Beirut, Lebanon.
- ❖ UOB Assistant Coach in 2010 LCPC Lebanese Collegiate Programming Contest in LAU Beirut, Lebanon.
- ❖ Leader of Sun OSUM Club UOB (since 2008)
- ❖ President of Computer Science Club UOB (2005-2009)
- ❖ Vice President of Archaeology club UOB (2004-2009)
- ❖ Member of Nature Club UOB (2007)
- ❖ Member of Social Club UOB (2004-2009)
- ❖ Human Rights Club UOB (2007-2009)
- ❖ Hobbies: All Kind of Sports (Basketball, Football, Swimming...), Chess
- ❖ Graphic Design, Music, Drawing, Writing...