

Eng. Slim Adnene Chtourou

Lecturer



Personal Data:

Nationality | Tunisian
Date of Hire | 17 october 2017
Date Rank Obtained | 12 July 2012
Department | Electrical Engineering
Email | shtourou@kfu.edu.sa
Office No | 2092
Office Phone No | 013 589 8709

Education:

Academic Degree	Major	specialty	Place of Issue	Address	Date
Doctorate (PhD)	Computer Systems Engineering	Embedded Systems	Sfax University, National Engineering School of Sfax	Sfax, Tunisia	7-2017
Masters (M.Sc.)	New Technologies and Dedicated Computer Systems	Embedded Systems	Sfax University, National Engineering School of Sfax	Sfax, Tunisia	7-2012
Bachelor (B.Sc.)	Electrical Engineering	Embedded Systems	Sfax University, National Engineering School of Sfax	Sfax, Tunisia	6-2011

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions):

PhD	Development of an intuitive programming platform towards promoting ubiquitous computing
Master	A Cloud based microcontroller programming for wireless connection links

Experiences:

Title of Job	Address of Work	Country	Date	
Lecturer	King Faisal University, College of Engineering	Saudi Arabia	From	2017
			To	present
Lecturer	Gabes University, Higher School of Multimedia and Informatics	Gabès, Tunisia	From	2016
			To	2017
robotics club trainer	Jil Aljadid	Sfax, Tunisia	From	2016
			To	2017
Lecturer	National Engineering School	Sfax, Tunisia	From	2016
			To	2017
robotics club trainer	International Institute of Technology	Sfax, Tunisia	From	2015
			To	2016

Lecturer	National Engineering School	Sfax, Tunisia	From	2013
			From	2015
video tutorials author & producer	Pluralsight LLC	Utah, USA (online)	From	2013
			To	2015

Research Interests:

1. Internet of Things
2. Education
3. Robotics
4. Embedded Systems

Publications:

#	Name of author(s)	Title of Publication	Publisher and Date of Publication	Link of Publication
1	Lilia Zouari, Mossaad Ben Ayed, Slim Chtourou, Shaya A. Alshaya	A Comparative Study of Computer-Aided Engineering Techniques for Robot Arm Applications	Journal of Engineering, Technology & Applied Science Research (ETASR) 12-2020	link
2	Slim Chtourou, Lilia Zouari,	Post-Pandemic Online teaching Experience at King Faisal University: a Case Study	6th International Conference on e-Learning (econf 2020) December 2020	link
3	Lilia Zouari, Mossaad Ben Ayed, Slim Chtourou, Mohamed Abid	Co-simulation Improvement for Uncertain Flexible Robot Arm	Journal of Electrical Engineering and Technology 2019	link
4	Lilia Zouari, Mossaad Ben Ayed, Slim Chtourou, Mohamed Abid	Model In the Loop Simulation of Flexible Joint Manipulator under Uncertainties	IJCSNS International Journal of Computer Science and Network Security	link
5	Slim Chtourou, Mohamed Kharrat, Nader Ben Amor, Mohamed Jallouli, Mohamed Abid	Role of Hardware Startups in Facilitating Electronics and Computer Science Education for Kids: Survey of Hardware Products	Multidisciplinary Journal of Sciences and Research PONTE August 2018	link
6	Slim Chtourou, Mohamed Kharrat, Nader Ben Amor, Mohamed Jallouli, Mohamed Abid	Using IOIOAI in introductory courses to Embedded Systems for Engineering students: a case study	International Journal Of Electrical Engineering Education IJEEE NOVEMBER 2017	link
7	Slim Chtourou, Mohamed Kharrat, Nader Ben Amor, Mohamed Jallouli, Mohamed Abid	Easing the development of Android apps to create electronic prototypes: IOIO+App Inventor	IET Circuits, Devices & Systems CDS, Special Issue Developments and Advancements in Electronics Education, July 2017	link
8	Slim Chtourou, Mohamed Kharrat, Nader Ben Amor,	A low Cost Prototyping Platform for IoT Development and Robotics	International Journal of Robotics and Automation IJRA May 2017	link

	Mohamed Jallouli, Mohamed Abid			
9	Abdullah Jacem, Bader Farahat, Slim Chtourou	Air Quality Arduino Based Monitoring System	International conference on Computer Applications & Information Security (ICCAIS'2019) March 2019	link
10	Slim Chtourou, Mohamed Kharrat, Nader Ben Amor, Mohamed Jallouli, Mohamed Abid	Improvement of IOIOAI Service for external sensors communication between App Inventor and IOIO	17th international conference on Sciences and Techniques of Automatic control and computer engineering STA December 2016	link
11	Slim Chtourou, Mohamed Kharrat, Nader Ben Amor, Mohamed Jallouli, Mohamed Abid	Development of an Android Service to add IOIO hardware features to Android Apps	13th IEEE International Conference on Computer and Information Technology CIT December 2016	link
12	Slim Chtourou, Mohamed Kharrat, Nader Ben Amor, Mohamed Jallouli, Mohamed Abid	Proof of concept of a Cloud Compilation Service for Robotics wireless programming,	13th IEEE International Symposium on Intelligent Systems and Informatics SISY September 2015	link
13	Slim Chtourou, Mohamed Kharrat, Nader Ben Amor, Mohamed Jallouli, Mohamed Abid	Proof of Concept of a PIC Wireless Programmer Interface For Prototyping	International Multi-Conference on Systems, Signals and Devices 2015 SSD March 2015	link
14	Slim Chtourou, Mohamed Kharrat, Nader Ben Amor, Mohamed Jallouli, Mohamed Abid	Evolution of robot programming, toward the ubiquitous computing era	international conference on Individual and Collective Behavior in robotics ICBR	link
15	Mossaad Ben Ayed, Lilia Zouari, Slim Chtourou and Shaya A. Alshaya	Simulation Techniques for Robot Arm Control Systems	Advances in Computer Science book	link

Language Proficiency:

1. Arabic, mother language
2. English, expert
3. French, expert
4. Japanese, beginner