

Abdo BEIREKDAR

Senior Computer engineer (Ph.D.)

Senior computer engineer with strong R&D experience, autonomous, inventive, methodological, and more than 15 years of practical experience at different levels of the development cycle of Desktop and Web applications, and in data management and risk-based monitoring of clinical trials.

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PROFESSIONAL EXPERIENCE

Assistant professor	01/2021 – 07/2021
<i>University College of Namur-Liège-Luxembourg (Hénallux), Namur</i>	
• I teach: Python, UML, Introduction to databases.	
Freelancer	Since 03/2020
• Functional analysis, development of Desktop applications/Web applications/Websites.	
• Data management of clinical trials.	
Data manager (Clinical trials)	11/2017 – 03/2020
<i>Lambda - Plus (SA), Gembloix.</i>	
• I developed:	
○ A generator of data management reports.	
○ An interactive web dashboard for some trial-related TransCelerate RBIs.	
IT expert	04/2013 – 10/2017
<i>Centre of Research on the Epidemiology of Disasters (CRED), Brussels.</i>	
• I developed CRED websites: cred.be, emdat.be, cedat.be, aphes.be.	
• I developed the data entry interface and the online search engine for:	
○ The international Natural Disasters (EM-DAT) database.	
○ The international Complex Emergency Database (CE-DAT).	
Lecturer	06/2008 – 03/2013
<i>Faculty of Computer Science - Syrian Virtual University, Damascus – Syria.</i>	
• I developed and taught the course “Human-Computer Interaction”.	
HCI consultant	04/2005 – 09/2012
<i>Elixir for intelligent software, Damascus – Syria</i>	
• I designed and implemented a tool to auto-generate web GUI for the <i>Elixir ERP</i> instance from the process BPMN specification.	
Project manager	09/2003 – 08/2005
<i>Faculty of Computer Science, Namur.</i>	
• I managed a project for the development of tool for automatic evaluation of the ergonomics of websites.	

TRAINING

C-DISC: Overview and Concepts. <i>Lambda-Plus S.A.</i>	2019
Clinical Trials: Risk-based and Remote Monitoring. <i>European CRO Federation.</i>	
GDPR Principles (Regulation EU 2016/679). <i>Lambda-Plus S.A.</i>	2018
ICH - Good Clinical Practice E6 (R2) 2016. <i>European Centre For Clinical Research Training.</i>	

EDUCATION

Ph.D.. <i>Faculty of Computer Science, Namur.</i>	2004
Master. <i>Faculty of Computer Science, Namur.</i>	1998
Computer engineer. <i>Higher Institute of Applied Sciences, Damascus - Syria.</i>	1993

SKILLS

IT	Languages: Python, .Net (C#), SQL, Javascript, PHP, XML, Html, CSS. Framework/Library : Angular, ExtJS Databases: MySql, MS SQL Server. Project management: Agile (Scrum). Formalisms: UML, Data Flow Diagram, Entity-Relationship Diagram.
Languages	English: Proficient French: Proficient Arabic: Mother tongue.