



Bouchra Berrada

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Description

29 Years in Education and Research within Engineering School in Computer Sciences
with a specific focus on Object Oriented Modeling and User Interface Design / User Experience
Driven educational leader on the field of Activity Based Online / Blended Learning
Looking for Teaching / Partnership and International Cooperation Position

PROFESSIONAL EXPERIENCE

ENSIAS - NATIONAL ENGINEERING SCHOOL IN COMPUTER SCIENCES AND SYSTEMS ANALYSIS,

MOHAMED V UNIVERSITY

Rabat, MOROCCO

Full Time Professor

Since May 1992

Core member of the Software Engineering Department

Taught main courses in Software Engineering in French and English languages including:

Freshmen Year:

- Data Structures and Programming Languages (C, Pascal, PL/I, COBOL)
- File Management Systems
- Structured Analysis and Design Techniques (SADT, MERISE)

Sophomore Year:

- Object Oriented Modeling Languages (Unified Modeling Language - UML2)
- Entrepreneurial Know about Business (KAB) program

Junior Year:

- Human-Computer Interfaces / User Experience (UI-UX)
- Conducted several (hundreds) students' final projects on software engineering subjects

On-going Training :

- AI with Java

Scientific Research

- Articles submitted in several Journals, Conferences and Workshops

INTERNATIONAL LABOR ORGANIZATION – ILO / BIT

Geneva, SWITZERLAND

Project Coordinator of the Know About Business (KAB) program

2008-2019

- Contributed to strategic decisions for deploying KAB program in all (14) Moroccan Universities
- Obtained the 3 levels Certifications – National, Regional and International Certifications from the ILO International Training Center (ITC) in Turin for delivering KAB program
- Transposed all textbook KAB program modules to Online content based on interactive and student-centered learning scenarios using MOODLE (elearning) platform
- Conducted team project to achieve KAB program content adaptation to Moroccan context
- Trained more than 300 KAB program trainers (facilitators) from Moroccan and Tunisian Universities as well as Technical and Vocational School in Haiti
- Assessed KAB facilitators national level Certification
- Delivered KAB program to 250 ENSIAS students
- Organized and supported projects pitching of ENSIAS students involving national leading business private institutions and organizations.

INTERNATIONAL ORGANIZATION OF THE FRANCOPHONIE

Quebec, CANADA

South Region Coordinator – Digital Network for Reusable Resources in Education (REFRER) 2012 – 2014

REFRER project aimed at creating a network for sharing free and open digital resources for teaching and learning among south region academic partners (Ecole Mohamedia des Ingénieurs-**EMI**, Ecole Supérieure de Technologie de Salé-**ESTS**, Ecole Supérieure de Technologie de Fès-**ESTF**, Université Virtuelle de Tunis-**UVT**)

Project Managers:

North Region : TeleUniversit - Quebec – TELUQ

South Region : Open Digital Space For The Mediterranean – eOmed (Espace Numérique Ouvert pour la Méditerranée)

- Organized seminars on Quality for Reuse process related to Reference Data Life cycle Management (concepts, norms & standards, actors, Reference Data Models, governance policy)
- Assisted setting up the south region academic partners workgroups (EMI, EST Salé, EST Fès, UVT) and training on technological infrastructure and networked referencing and indexing tool known as ORI-OAI
- Helped workgroups achieve context analysis on digital resources, establish governance, editorial and classification policies and fill up the Data store Reference Model using ORI-OAI tool
- Published academic partners work progress as well as partial and final financial reports.

INTERNATIONAL ASSOCIATION - OPEN DIGITAL SPACE FOR THE MEDITERRANEAN (e-OMED)

eOmed was created in 2009. It favored exchanges and collaboration among international organizations including non-governmental organizations, administrations, public and private institutions and universities from 17 different countries in order to promote the use of digital resources, facilitating the exchange of existing digital resources, producing and disseminating quality educational contents in strategic value subjects.

In charge of Pedagogical and Technological Innovation Workgroup

2009-2013

- Member of the Organizing committees of eOmed Inaugural and General Assembly conferences and Executive council meetings
- Supported eOmed thematic workgroups (Distance Labs, Eco-Design, On Line Technology, ...)
- Launched and updated eOmed web site
- Co-developed fundraising campaigns addressing UNESCO, African Development Bank, European Commission, Caisse de Dépôt et de Consignation
- Contributed to Call for Proposals and partnership conventions for shared Master's degree using European Credit Transfer System, PhD programs
- Co-organized different workshops (i.e. eOmed Digital Resources Mutualization, Tunisia, 2012)
- Trained eOmed workgroups members on OPALE solution for online and blended learning educational contents and Multi-format publications.

MOROCCAN VIRTUAL CAMPUS (Campus Virtuel Marocain - CVM) **Partnership Coordinator**

Agadir, MOROCCO
2004 - 2013

- Explored possible areas of joint interests with potential new partners
- Reported activities of partnership coordination, capacity-building activities and information-sharing.

Main Facilitator of International Online Tutoring Program - Coselearn (Coopération Suisse en matière de elearning)

- Delivered Master's Degree level of Coselearn Online Program involving 24 university teachers from 10 african countries
- Delivered several sessions of Certificate level (3 month period) Coselearn Online Program
- Collaborated with the Swiss Agency for Development and Cooperation in assessing Coselearn Project overall objectives and impact on ensuring better access to education services in Africa.
- Coordinated international actions for e-Omed

MOHAMMED V UNIVERSITY – SOUISSI**Rabat, MOROCCO****In charge of Partnership / Cooperation Department****2004**

- Set up the University-Enterprise Interface Bureau
- Set up the University Continuing Education Center / Managed Continuing education program for leading OCP institution
- Member of the eLearning Center Monitoring Committee

2002- 2004

- Set up an incubator structure and related facilities supporting Technology based projects
- Assisted the creation of a merged incubator structure “Réseau RESIN” involving both engineering schools ENSIAS and INPT and related legal framework
- Appointed the scientific and experts committee members
- Established business coaching schedule and projects pitching contests

**Informatique et Méthode de Gestion – IMEG
Computer Engineer****Rabat, MOROCCO
1989-1992**

- Developed and maintained information systems projects of leading public and private institutions: Ministry of finance, Ministry of Higher Education, National Equipment and Construction company.

NON-PROFIT EXPERIENCE

**Irving Trust Bank
Trainee****New York, NY
Summer 1988**

- Created the employees payroll Conceptual Data Model

**Public Development Corporation
Trainee****New York, NY
Summer 1987**

- Created employees payroll graphic reports and charts

EDUCATION

**Pace University
Master's Degree in COMPUTER SCIENCES****NYC, USA
1986-88****Pace University
Bachelor's Degree in COMPUTER SCIENCES
Double Major In Mathematics****NYC, USA
1983-86****Lycee Descartes****Baccalaureat, Série D (Biology Sciences)****Rabat, Morocco
1983****ADDITIONAL INFORMATION**

Languages:

Fluent in English. Native in French and Arabic