

Curriculum Vitae

Badreddine Benreguia	- Assistant-Professor (Maître-Assistant) - Deputy Head of Department SCMI with responsibility for teaching. <i>University of Batna 2</i>
	Computer Science Distributed Systems & Networking
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BENREGUIA Badreddine had received the Engineering degree in the computer science from Batna university in 2005, and the Magister degree from the university of Béjaia in 2008. He worked in the Superior School of Transmissions, Kolea (2008-2009). He has been designated as an assistant-professor at the computer science department in the university of Sétif (2010-2018). Since 2018, he is an assistant-professor in the university of Batna 2. He is currently the **Deputy Head of Department SCMI with responsibility for teaching**. His research interests include graph theory, especially self-stabilization for distributed systems and networks issues.

Publications	
2018	B. Benreguia, H. Moumen, « Self-Stabilisation on Scale-free Networks » December 19 - 22, 2018 – Hammamet, Tunisia.
2015 (Book in French)	B. Benreguia, « Conception d'un réseau WLAN par algorithmes génétiques hiérarchisés », Éditions Universitaires Européennes, ISBN: 3841666647, 2015.
2012	B. Benreguia and H. Kheddouci, « A Consistency Rule for Graph Isomorphism Problem », 27th ACM Symposium On Applied Computing (SAC2012), Riva del Garda (Trento), Italy, 26-30 Mars 2012.

Professional Experiences		
Deputy Head of Department SCMI with responsibility for teaching	2018/2019	Deputy Head of Department SCMI with responsibility for teaching
Assistant-Professor University of Batna 2	2018/2019	Structure de Machine (i.e. binary calculations used in processors and data representation inside memory), Databases.
Assistant-Professor University of Sétif	2017/2018	Peer to Peer Systems, Object Oriented Programming with Java.
	2016/2017	Peer to Peer Systems, Juridical Aspects of Soft Systems.
	2015/2016	Peer to Peer Systems, OPM (Matlab)
	2014/2015	Informatique1, Informatique2 (programming C++), OPM (Matlab)
	2013/2014	Java Programming, Linear Programming
	2012/2013	Informatique1, Informatique2 (Basics of programming)
	2011/2012	Informatique1, Informatique2 (Basics of programming)

	2010/2011	Informatique1, Informatique2 (Basics of programming)
	2009/2010	Java Programming, Structure de Machine (i.e. binary calculations used in processors)
2008 /2009	<i>Ecole Supérieur de Transmissions (Superior School of Transmissions, Military service)</i> Pedagogic Tutor: following the learning for undergraduate students in: Algorithmique1 & Algorithmique2 (or basics of programming).	

Supervised Master Projects	
2018/2019	<ul style="list-style-type: none"> - <i>A new self-stabilizing algorithm for α-dominating set</i> (Un nouvel algorithme auto-stabilisant pour le calcul de l'ensemble α-dominant) - <i>A self-stabilizing algorithm for independent distance set</i> (Un Algorithme Auto-stabilisant pour l'ensemble Independent à Distance 2)
2017/2018	<ul style="list-style-type: none"> - <i>Simulation of Self-stabilizing Algorithms in Complex Networks</i> (Simulation d'algorithmes auto-stabilisants dans les réseaux complexes) - <i>Detecting Source of Diffusion in a Network using Graph Theory</i> (Détection d'une Source de Diffusion dans un Réseau Utilisant la Théorie de Graphes)

Supervised Bachelor Projects (for undergraduate students to obtain the License degree)	
2016/2017	<ul style="list-style-type: none"> - <i>Simulation of the Diffusion Process Using Graph Theory / Simulation du Processus de Diffusion Utilisant la Théorie de Graphes</i> - <i>Website for E-books / Conception et Réalisation d'un Site Web de E-books</i> - <i>Encryption of P2P Application of Communication / Sécurisation des communications d'une application P2P</i> - <i>Electronic Transactions : Case, Website for E-bank / Conception et Réalisation du E-banking pour Transactions Électroniques</i> - <i>Website for Youth Center / Conception et Réalisation d'un Site Web pour Maison de Jeunes</i>
2015/2016	<ul style="list-style-type: none"> - <i>Conception d'une Base de données de Hadith (A Database for Hadith)</i> - <i>Réalisation d'une application de communication P2P (A Peer to Peer Application for Communication)</i>
2014/2015	<ul style="list-style-type: none"> - <i>Affectation de Tâches Utilisant les Algorithme Génétiques (Tasks Allocation Using Genetic Algorithms)</i>
2013/2014	<ul style="list-style-type: none"> - <i>Réalisation d'une Application de Communication sous Android (Implementation of a communication application under Android)</i> - <i>Recherche d'Information Utile Utilisant la Théorie de Graphes (Extraction of Useful Information Using Graph Theory)</i>
2012/2013	<ul style="list-style-type: none"> - <i>Classification de Pixels pour Extraction d'Objets (Pixels Clustering for Object Extraction)</i>
2011/2012	<ul style="list-style-type: none"> - « <i>Conception et Réalisation d'un Système de Gestion de Stock de Pièces de Rechange</i> ». Or: <i>Designing & Implementation of a Inventory Management System (for Spare Parts).</i> - <i>Conception et Réalisation d'une Application de Gestion d'une Gare Routière (Designing & Implementation of an Application for Passengers Management)</i>

Formations & Training	
2008/2009 <i>Military service</i>	<i>Ecole Supérieur des Transmissions, Koléa (Superior School of Transmissions), Algeria</i> Training on transmission Equipments.
2005/2007 <i>Magister</i>	<i>Université de Béjaia (Doctoral school ReSyD), Algeria</i> Magister in computer sciences (Distributed Systems & Networking).
2000/2005	<i>Université de Batna, Algeria</i> Engineer in Computer Sciences.
2000	Baccalaureate (exact sciences)

Knowledge & Skills	
Programming Languages	Java, C++, Python, Matlab.
Web programing	Capability of network programming (websites) and UML designing using PHP with other tools like MyPHPAdmin, MySQL.

Communication Skills (Languages)	
Arabic	Read , speak, write
French	Read , speak, write
Technical English	Read , speak, write
Tamazight (Chawia)	Mother tongue

Focus Point	
Sports	Football