CURRICULUM VITAE

SASSI BENTRAD

✉ : sassi_bentrad@hotmail.fr   ✆ : Linkedin: Link   Google Scholar: Link   ORCID: Link

PROFILE

- Huit années d'expérience dans l'enseignement et la recherche.
- Habileté à travailler en équipe et de façon autonome.
- Capacité d'analyse et de résolution de problèmes.
- Excellentes compétences en communication et en relation interpersonnelle.
- Expérience administrative & collecte et analyse de données.
- Maitrise des outils de production des ressources pédagogiques et techniques & Outils de Télétravail.
- Trilingue : arabe, français et anglais (écrit et parlé).

COMPÉTENCES

■ **Compétences informatiques**
  - **Programmation** : C/C++, Java, AspectJ, SQL, JavaScript, XML, HTML.
  - **Modélisation** : Merise, UML, Design Patterns, OCL, MDA, Eclipse EMF/GEF.
  - **Technologies** : Java EE, AWT/Swing, JavaBeans, Java RMI, JUnit, CVS, SVN.
  - **Plateformes & IDEs** : Eclipse, NetBeans, JBuilder, RAD Studio XE7-Delphi, Windev, Android Studio, Moodle, Un peu d'expérience sous Matlab, Scilab and Maple.
  - **Bases de données** : MySQL, Oracle, JDataStore, MS Access.
  - **Systèmes d'exploitation** : MS Windows, GNU/Linux (Ubuntu).
  - **Outils** : MS Office Suite, Google Work Suite, EndNote, *LaTeX* (MikTeX, Texmaker, Overleaf, ...), *Scenari* (Opale, Dokiel,...), *Télétravail* (Zoom, MS Team, Google Meet, Jitsi Meet, ...).

■ **Compétences linguistiques**
  Arabe, Français : *Langue maternelle*   Anglais : *Écrit et Parlé (intermédiaire)*

ÉTUDES

Doctorat en Informatique	**2015**
Université Badji Mokhtar Annaba (UBMA), Algérie	
Master en Ingénierie des Logiciels Complexes	**2009**
Université Badji Mokhtar Annaba (UBMA), Algérie	
Licence Académique en Systèmes Informatiques	**2007**
Université Badji Mokhtar Annaba (UBMA), Algérie	
Baccalauréat Scientifique - Algérie	**2004**

APPRENTISSAGE

Formation en ligne de formateurs à la création de formations à distance	Mars **2021**
AUF Formations, EAD Maghreb	
Séjour scientifique de courte durée à l'étranger	Avril **2019**
Faculty of Computer Science and Information Technology, University of Malaya (UM), Malaysia	
TIC School, "Formation aux TICs et Pratiques Pédagogiques"	Janvier **2016**
Université des Frères Mentouri Constantine (UFMC), Algérie.	
TIC Days, "Journées sur le Télé-enseignement et Prise en main de la Plateforme Moodle"	Juin **2016**
Université Chadli Bendjedid El-Tarf (UCBET), Algérie / Formateur : Dr. Mahieddine BOUMENDJEL.	
Ecole d'Hiver, "Applications en Informatique Industrielle, Génie Logiciel et Réseaux"	Décembre **2013**
Université d'Oran, Algérie	
Université d'été, "Scientific Research and Advanced Technology: Innovation and Valorization"	Juillet **2012**
Université de Khenchela, Algérie	
Workshop on Research Paper Authorship and English Technical Writing	Janvier **2012**
Université des Frères Mentouri Constantine (UFMC) / Formateur : Dr. Charles E. Dunlap, CRDF.	

EXPÉRIENCES

▪ Maitre de Conférences classe B   2016 – 2022
Université Chadli Bendjedid El-Tarf (UCBET)
- Assurer l'élaboration de cours et de tout autre support pédagogique ;
- Faire des suivis auprès des étudiants et des étudiantes
- Participer aux délibérations des jurys d'examen, la préparation des sujets et la correction des copies d'examens ;
- Participer aux travaux du comité pédagogiques ;
- Assurer l'encadrement des activités de formation externe des étudiants.

▪ Chef de départ. adjoint chargé de la Post-Graduation et de la Recherche Scientifique   2020 -2022
Université Chadli Bendjedid El-Tarf (UCBET)
- Veiller au déroulement des formations de post-graduation spécialisée.
- Assurer le suivi des activités de recherche.
- Assurer le suivi du fonctionnement du comité scientifique de département.

▪ Membre du comité de révision, de programme et d'organisation   2013 - 2022
Organizing Committee:
- International Conference on Networks Applications and Systems (**ICNAS'13**), UBMA, Algeria.
- Colloque National en Mathématiques Appliqués et Équations Différentielles (**MAED'18**), UCBET, Algeria.
- First National Conference on Artificial Intelligence and Information Technologies (**NCAIIT'21**), UCBET, Algeria.
- First International Conference on Autonomous Systems and their Applications (**ICASA'22**), UCBET, Algeria.
- Première Conférence Nationale en Ligne en Physique des Matériaux (**CNLPM'22**), UCBET, Algeria.

Technical Committee:
- Third International Conf. on Video and Image Processing (**ICVIP'2019**), Shanghai, China.
- First National Conf. on Artificial Intelligence and Information Technologies (**NCAIIT'2021**), UCBET, Algeria.
- First International Conf. on Autonomous Systems and their Applications (**ICASA'2022**), UCBET, Algeria.

Reviewing Committee:
- Revue Algérienne des Sciences (**RAS**), UCBET, Algeria, ISSN: 2661-7064.
- International Journal of Advanced Computer Science and Applications (**IJACSA**), Science and Information Organization (SAI), USA, ISSN: 2158-107X / E-ISSN: 2156-5570.
- International Journal of Software Engineering and Computer Systems (**IJSECS**), Faculty of Computing, Universiti Malaysia Pahang, Malaysia, ISSN: 2289-8522 / E-ISSN: 2180-0650.

▪ Membre de la Cellule de Télé-enseignement et Enseignement à Distance   2017 - 2022
Université Chadli Bendjedid El-Tarf (UCBET)
- Administrateur de la Plateforme E-Learning : http://moodle.univ-eltarf.dz/moodle/

▪ Responsable du Tronc Commun Mathématiques et Informatique   2016 - 2020
Université Chadli Bendjedid El-Tarf (UCBET)
- Organisation de la tenue des réunions, des inscriptions, des enseignements, des examens et des délibérations.
- Représenter le Département d'Informatique à chaque réunion du Conseil Administratif de Faculté.

▪ Assistant de Recherche   2015 - 2022
Laboratoire d'Ingénierie des Systèmes COmplexes (**LISCO**) / Université Badji Mokhtar Annaba (UBMA)
- Equipe de recherche : **IPARAD** (**I**ntégration de **PARAD**igmes pour le développement de systèmes complexes)
- Diriger des programmes de recherche, superviser et conseiller les étudiants sur leurs travaux de recherches.

▪ Enseignant Vacataire   2013 – 2015
Université Badji Mokhtar Annaba (UBMA) & Université Chadli Bendjedid El-Tarf (UCBET)
- Préparer les supports de cours, d'aide visuelle et autres matériels pour la tenue du cours.
- Préparer les TD / TP et les dispenser aux étudiants et faire le suivi.
- Assister dans la préparation et le déroulement des examens.

PUBLICATIONS

❶ Articles in Refereed Journals.

- Bentrad S., Meslati D.: **PAN4AJ: A Programming AssistaNt for Introductory AspectJ Programming**. *Turkish Journal of Computer and Mathematics Education (TURCOMAT)*, Vol. 13, No. 2, October 2022, pp. 565-578, [https://turcomat.org/index.php/turkbilmat/article/view/13057].

- Bentrad S.: **AJPAN – Proposal of AspectJ Programming AssistaNt for Learning and Teaching Introductory AOP Programming Concepts**. *Revue Algérienne des Sciences (RAS) - Série A*, No. 7, Janvier 2022, pp. 150-158, ISSN: 2661-7064.
  [http://www.univ-eltarf.dz/revue/index.php/section-a/15-revue-algerienne-des-sciences-a-numero-7-janvier-2022]

- Bentrad S., Kahtan Khalaf H., Meslati D.: **Towards a Hybrid Approach to Build Aspect-Oriented Programs**. *IAENG International Journal of Computer Science (IJCS)*, Vol. 47, No. 4, December 2020, pp. 677-691, [http://www.iaeng.org/IJCS/issues_v47/issue_4/IJCS_47_4_08.pdf].

- Bentrad S., Meslati D.: **Visualizing and Analyzing the Structure of AspectJ Software under the Eclipse Platform**. *International Journal of Software Engineering and Its Applications (IJSEIA)*, Vol. 7, No. 3, May 2013, pp. 353-376, [https://www.academia.edu/download/47237641/33.pdf].

- Bentrad S., Meslati D.: **Visual Programming and Program Visualization – Towards an Ideal Visual Software Engineering System –**. *ACEEE International Journal on Information Technology (IJIT)*, Vol. 1, No. 3, 2011, pp. 56-62, [https://www.searchdl.org/Resources/Public/Conf/2011/CIT/22.pdf].

❷ Articles in Refereed Workshops, Symposium, Conferences.

- Bentrad S.: **AJPAN – Proposal of AspectJ Programming AssistaNt for Learning and Teaching Introductory AOP Programming Concepts**. In *The First National Conference on Artificial Intelligence and Information Technologies (NCAIIT)*, El-Tarf, Algeria, May 24th, 2021.
  [http://univ-eltarf.dz/fac/fac_st/index.php?option=com_content&view=article&id=158&catid=98]

- Bentrad S., Meslati D.: **A Way to Introduce and Reduce Difficulties of Aspect-Oriented Coding through AspectJ under Eclipse Platform**. In *The International Conference on Advanced Communication and Information Systems (ICACIS)*, Batna, Algeria, December 12-13, 2012.
  [http://fac-sciences.univ-batna.dz/cs/icacis12/images/icacis2012%20program.pdf].

- Bentrad S., Meslati D.: **Towards A New Way for Aspect-Oriented Software Programming –VisPLAJ, a Pedagogic Visual Programming Language for AspectJ–**. In *The International Arab Conference on Information Technology (ACIT)*, Riyadh, Saudi Arabia, December 11-14, 2011. [http://www.nauss.edu.sa/acit/PDFs/f3177.pdf].

- Bentrad S., Meslati D.: **Visual Programming and Program Visualization**. In *The International Conference on Advances in Communication and Information Technology (CIT)*, December 01-02, 2011, DOI: 02.CIT.2011.01.22, pp. 43-49. [https://www.searchdl.org/Resources/Public/Conf/2011/CIT/22.pdf].

- Bentrad S., Meslati D.: **2D and 3D Visualization of AspectJ Programs**. In *10th International Symposium on Programming and Systems (ISPS)*, 25-27 April 2011, Algiers, Algeria, ISBN: 978-1-4577-0905-0, DOI: 10.1109/ISPS.2011.5898888, pp. 183-190.[http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=5898888].

AUTRES ACTIVITES ET LOISIRS

- **Sport** : Athlétisme (Champion d'Algérie en lancer du Javelot), Football, Handball.
- **Vie associative** : Esprit d'équipe, Bénévole dans les associations
- **Loisirs** : Voyager, Lecture, Séries télévisées, …

CURRICULUM VITAE
SASSI BENTRAD

✉ : sassi_bentrad@hotmail.fr   ✆ : Linkedin: Link   Google Scholar: Link   ORCID: Link

PROFILE

- Experience in delivering courses in class and on-line.
- +8 years in computer science research and studies, specifically in IT field.
- Excellent knowledge of how to use analytics to find conclusions based.
- Team player, hard-worker, pays attention to details and able to grasp new concepts quickly.
- Excellent communication and problem-solving skills to resolve complex issues promptly.
- Mastery of tools for producing educational and technical resources & Telecommuting.

SKILLS

- **Computer skills**
  - **Programming** : C/C++, Java, AspectJ, SQL, JavaScript, XML, HTML.
  - **Modeling** : Merise, UML, Design Patterns, OCL, MDA, Eclipse EMF/GEF.
  - **Technologies** : Java EE, AWT/Swing, JavaBeans, Java RMI, JUnit, CVS, SVN.
  - **Plateforms & IDEs** : Eclipse, NetBeans, JBuilder, RAD Studio XE7-Delphi, Windev, Android Studio, Moodle, A little experience under Matlab, Scilab and Maple.
  - **Databases** : MySQL, Oracle, JDataStore, MS Access.
  - **Operating systems** : MS Windows, GNU/Linux (Ubuntu).
  - **Tools** : MS Office Suite, Google Work Suite, EndNote, *LaTeX* (MikTeX, Texmaker, Overleaf, ...), *Scenari* (Opale, Dokiel,...), *Telecommuting* (Zoom, MS Team, Google Meet, Jitsi Meet, ...).

- **Languages**
  Arabic, French: *mother tongue*   English: *written and verbal (Intermediate)*

EDUCATION

PhD. in Computer Science University of Badji Mokhtar Annaba (UBMA), Algeria	**2015**
MSc. in Computer Science, *Field : Software Engineering* University of Badji Mokhtar Annaba (UBMA), Algeria	**2009**
Bachelor's degree in Computer Science University of Badji Mokhtar Annaba (UBMA), Algeria	**2007**
Baccalaureate of Sciences - Algeria	**2004**

TRAINING

Online training - Creation of distance learning courses *AUF Formations, EAD Maghreb*	March **2021**
Short-term scientific internship *Faculty of Computer Science and Information Technology, University of Malaya (UM), Malaysia*	April **2019**
TIC School, "Formation aux TICs et Pratiques Pédagogiques" *University of Mentouri Constantine (UFMC), Algeria.*	January **2016**
TIC Days, "Journées sur le Télé-enseignement et Prise en main de la Plateforme Moodle" *University of Chadli Bendjedid El-Tarf (UCBET), Algeria / Instructor : Dr. Mahieddine BOUMENDJEL.*	June **2016**
Winter School, "Applications en Informatique Industrielle, Génie Logiciel et Réseaux" *University of Oran, Algeria*	December **2013**
Summer University, "Scientific Research and Advanced Technology: Innovation and Valorization" *University of Khenchela, Algeria*	July **2012**
Workshop on Research Paper Authorship and English Technical Writing *University of Mentouri Constantine (UFMC) / Instructor : Dr. Charles E. Dunlap, CRDF.*	January **2012**

WORK EXPERIENCE

- **Assistant/ Associate Professor in Computer Science** **2016 – 2022**
  University of Chadli Bendjedid El-Tarf (UCBET)
  - Ensure the development of courses and other pedagogical material;
  - Participate in the deliberations of examination boards, the preparation of subjects and the correction of exams;
  - Participate in the work of the pedagogical committee;
  - Supervised students on the practical session and graduation projects.

- **Deputy head in charge of post-graduation and scientific research** **2020- 2022**
  University of Chadli Bendjedid El-Tarf (UCBET)
  - Performed a variety of administrative duties (prepared and edited reports and emails, etc.)
  - Ensured that post-graduate training is carried out.
  - Following up of research activities and the scientific committee of the department.

- **Reviewing & Program & Organizing Committee Membership** **2013 – 2022**
  Organizing Committee:
  - International Conference on Networks Applications and Systems (**ICNAS'13**), UBMA, Algeria.
  - Colloque National en Mathématiques Appliqués et Équations Différentielles (**MAED'18**), UCBET, Algeria.
  - First National Conference on Artificial Intelligence and Information Technologies (**NCAIIT'21**), UCBET, Algeria.
  - First International Conference on Autonomous Systems and their Applications (**ICASA'22**), UCBET, Algeria.
  - Première Conférence Nationale en Ligne en Physique des Matériaux (**CNLPM'22**), UCBET, Algeria.

  Technical Committee:
  - Third International Conf. on Video and Image Processing (**ICVIP'2019**), Shanghai, China.
  - First National Conf. on Artificial Intelligence and Information Technologies (**NCAIIT'2021**), UCBET, Algeria.
  - First International Conf. on Autonomous Systems and their Applications (**ICASA'2022**), UCBET, Algeria.

  Reviewing Committee:
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  - International Journal of Advanced Computer Science and Applications (**IJACSA**), Science and Information Organization (SAI), USA, ISSN: 2158-107X / E-ISSN: 2156-5570.
  - International Journal of Software Engineering and Computer Systems (**IJSECS**), Faculty of Computing, Universiti Malaysia Pahang, Malaysia, ISSN: 2289-8522 / E-ISSN: 2180-0650.

- **Member of the E-Learning Center** **2017 - 2022**
  University of Chadli Bendjedid El-Tarf (UCBET)
  - Administrator of the E-Learning Platform: http://moodle.univ-eltarf.dz/moodle/

- **Head of the TCMI – Tronc Commun Mathématiques et Informatique** **2016 - 2020**
  University of Chadli Bendjedid El-Tarf (UCBET)
  - Organizing the conduct of meetings, registrations, teachings, examinations and deliberations.
  - Represent the Computer Science Department at each meeting of the Faculty Administrative Council.

- **Research Assistant** **2015 - 2022**
  Laboratoire d'Ingénierie des Systèmes COmplexes (**LISCO**)
  University of Badji Mokhtar Annaba (UBMA)
  - Research group : IPARAD (**I**ntégration de **PARAD**igmes pour le développement de systèmes complexes)
  - Direct research programs and advise students of research matters.

- **Teaching Assistant** **2013 – 2015**
  University of Badji Mokhtar Annaba (UBMA) & University of Chadli Bendjedid El-Tarf (UCBET)
  - Organizing reference materials, visual aids and other materials as required by professors for lectures.
  - Assisting in the preparation and administration of examinations.

PUBLICATIONS

❶ Articles in peer-reviewed journals

- Bentrad S., Meslati D.: **PAN4AJ: A Programming AssistaNt for Introductory AspectJ Programming**. *Turkish Journal of Computer and Mathematics Education (TURCOMAT)*, Vol. 13, No. 2, October 2022, pp. 565-578, [https://turcomat.org/index.php/turkbilmat/article/view/13057].

- Bentrad S.: **AJPAN – Proposal of AspectJ Programming AssistaNt for Learning and Teaching Introductory AOP Programming Concepts**. *Revue Algérienne des Sciences (RAS) - Série A*, No. 7, Janvier 2022, pp. 150-158, ISSN: 2661-7064.
  [http://www.univ-eltarf.dz/revue/index.php/section-a/15-revue-algerienne-des-sciences-a-numero-7-janvier-2022]

- Bentrad S., Kahtan Khalaf H., Meslati D.: **Towards a Hybrid Approach to Build Aspect-Oriented Programs**. *IAENG International Journal of Computer Science (IJCS)*, Vol. 47, No. 4, December 2020, pp. 677-691, [http://www.iaeng.org/IJCS/issues_v47/issue_4/IJCS_47_4_08.pdf].

- Bentrad S., Meslati D.: **Visualizing and Analyzing the Structure of AspectJ Software under the Eclipse Platform**. *International Journal of Software Engineering and Its Applications (IJSEIA)*, Vol. 7, No. 3, May 2013, pp. 353-376, [https://www.academia.edu/download/47237641/33.pdf].

- Bentrad S., Meslati D.: **Visual Programming and Program Visualization – Towards an Ideal Visual Software Engineering System –**. *ACEEE International Journal on Information Technology (IJIT)*, Vol. 1, No. 3, 2011, pp. 56-62, [https://www.searchdl.org/Resources/Public/Conf/2011/CIT/22.pdf].

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- Bentrad S.: **AJPAN – Proposal of AspectJ Programming AssistaNt for Learning and Teaching Introductory AOP Programming Concepts**. In *The First National Conference on Artificial Intelligence and Information Technologies (NCAIIT)*, El-Tarf, Algeria, May 24th, 2021.
  [http://univ-eltarf.dz/fac/fac_st/index.php?option=com_content&view=article&id=158&catid=98]

- Bentrad S., Meslati D.: **A Way to Introduce and Reduce Difficulties of Aspect-Oriented Coding through AspectJ under Eclipse Platform**. In *The International Conference on Advanced Communication and Information Systems (ICACIS)*, Batna, Algeria, December 12-13, 2012.
  [http://fac-sciences.univ-batna.dz/cs/icacis12/images/icacis2012%20program.pdf].

- Bentrad S., Meslati D.: **Towards A New Way for Aspect-Oriented Software Programming –VisPLAJ, a Pedagogic Visual Programming Language for AspectJ–**. In *The International Arab Conference on Information Technology (ACIT)*, Riyadh, Saudi Arabia, December 11-14, 2011. [http://www.nauss.edu.sa/acit/PDFs/f3177.pdf].

- Bentrad S., Meslati D.: **Visual Programming and Program Visualization**. In *The International Conference on Advances in Communication and Information Technology (CIT)*, December 01-02, 2011, DOI: 02.CIT.2011.01.22, pp. 43-49. [https://www.searchdl.org/Resources/Public/Conf/2011/CIT/22.pdf].

- Bentrad S., Meslati D.: **2D and 3D Visualization of AspectJ Programs**. In *10th International Symposium on Programming and Systems (ISPS)*, 25-27 April 2011, Algiers, Algeria, ISBN: 978-1-4577-0905-0, DOI: 10.1109/ISPS.2011.5898888, pp. 183-190.[http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=5898888].

OTHER ACTIVITIES AND LEISURE

- **Sports**: Athletics (Algerian Champion in Javelin Throw), Football, Handball.
- **Associative life** : Team spirit, Volunteer in associations
- **Hobbies**: Travelling, Reading, TV series, …