

Nesrine Mezhoudi

Assistant Prof.

Personal Data

Nationality | Tunisian

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WOS ID | P-7412-2019

Google scholar | <https://scholar.google.com/citations?user=cVvxloUAAAAJ&hl=fr>

Language Proficiency

| Language | Read | Write | Speak |
|----------|-----------|-----------|-----------|
| Arabic | Excellent | Excellent | Excellent |
| English | Excellent | Excellent | Excellent |
| French | Excellent | Excellent | Excellent |

Academic Qualifications

| Date | Academic Degree | Place of Issue | Address |
|------|---|--|------------------------------|
| 2017 | Post Doctorate | University Capitoll Toulouse | Toulouse France |
| 2016 | PHD in Engineering : Computer sciences | Catholic University of Louvain | Louvain la Neuve, Belgium |
| 2010 | Master in computer sciences | High institute of multimedia and informatics | Gabes Tunisia |
| 2007 | Bachelor in computer sciences | High institute of multimedia and informatics | Gabes Tunisia |

PhD, Master or Fellowship Research Title:

| | |
|--------|---|
| PhD | Doctorate in Engineering: Computer sciences |
| Master | Master Degree in Information systems |

Professional Record:

| Job Rank | Place and Address of Work | | | Date |
|--------------------|---|------------------|-------------------------------------|--------------------|
| Assistant Prof. | College of Computer Science and Information Technology - CIS- ABET Accredited Program | KSA Dammam | Imam Abdelrahman University-College | Sept 2017-Till now |
| Postdoc Researcher | Institut de Recherche en Informatique de Toulouse IRIT | Toulouse, France | Capitol 1, Toulouse University | 01-06 /2017 |
| Assistant | Louvain School of management | Belgium | Catholic University of Louvain | 2015-2016 |
| Research Assistant | Louvain School of management | Belgium | Catholic University of Louvain | 2012-2015 |
| Assistant | University of Sciences Gabes | Tunisia | Gabes University | 2008-2011 |

Scientific Achievements

Published Refereed Scientific Researches

| # | Name of Investigator(s) | Research Title | Publisher and Date of Publication |
|---|---|---|--|
| 1 | El_Hagggar.N, Mezhoudi.N, Alrawjih.F | The Impact of Co-curricular Activities Supported by Generic Skills on Students' Performance at University Level | Blue Eyes Intelligence Engineering & Sciences Publication Scopus 2019 |
| 2 | Mezhoudi, N., Gull, H., Alqahtani, M. A., El-Hagggar, N., & Ayachi, M | Toward Safe and Usable Technologies for Autistic: Risks Identification and Mitigation Guidelines | Open Journal of Applied Sciences 2019 |
| 3 | N Mezhoudi, JLP Medina, I Khaddam, J Vanderdonckt | Context-Awareness Meta-model for User Interface Runtime Adaptation | ITIDA - Information Technology Industry Development Agency 2015 |
| 4 | N Mezhoudi, JLP Medina, J Vanderdonckt | An Agile Adaptation Framework for Context-Aware User Interfaces | INSPEC 2015 |

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

| # | Name of Investigator(s) | Research Title | Conference and Publication Date |
|----|--|---|---|
| 1 | Mezhoudi, N., Khaddam, I. & Vanderdonckt, J. | WiSel: a mixed initiative approach for widget selection | In Proc. Conference on research in adaptive and convergent systems. ACM.2015 |
| 2 | Mezhoudi, N., Khaddam, I. & Vanderdonckt, J. | Toward Usable Intelligent User Interface | International Human-Computer Interaction 2015 |
| 3 | Mezhoudi, N., & Vanderdonckt, J | A user's feedback ontology for context-aware interaction | World Symposium on Web Applications and Networking IEEE 2015 |
| 4 | Khaddam, I., Mezhoudi, N., & Vanderdonckt, J | A linguistic perspective to develop graphical user interfaces | Conference on Control, Engineering & Information Technology (CEIT), IEEE. 2015 |
| 5 | Khaddam, I., Mezhoudi, N., & Vanderdonckt, J. | Towards a linguistic modeling of graphical user interfaces: Eliciting modeling requirements | 3rd Int. Conference on Control, Engineering & Information Technology (CEIT), IEEE. 2015 |
| 6 | Khaddam, I., Mezhoudi, N., & Vanderdonckt, J | Towards task-based linguistic modeling for designing GUIs | 27th Conference on l'Interaction Homme-Machine, ACM. 2015 |
| 7 | Khaddam, I., Mezhoudi, N., & Vanderdonckt, J. (2015) | Adapt-first: A MDE transformation approach for supporting user interface adaptation | .2nd World Symposium on Web Applications and Networking (WSWAN), IEEE. 2015 |
| 8 | Mezhoudi, N | User interface adaptation based on user feedback and machine learning | 2013 international conference on Intelligent User Interfaces companion, ACM. 201 |
| 9 | Motti, V. G., Mezhoudi, N., & Vanderdonckt, J. | A Theoretical Framework for Specifying and Analyzing Context-Aware Adaptation | Workshop on Context-Aware Adaptation of Service Front-Ends. CASFE, Pisa, 2012 |
| 10 | Motti, V. G., Mezhoudi, N., & Vanderdonckt, J. | Machine Learning in the Support of Context-Aware Adaptation | Workshop on Context-Aware Adaptation of Service Front-Ends, CASFE Pisa, 2012. |
| 11 | Bouchelligua, W., Mahfoudhi, A., | User interfaces modelling of workflow information systems | Enterprise and Organizational Modeling |

| | | | |
|----|--|--|---|
| | Mezhoudi, N. , Daassi, O., & Abed, M. | | and Simulation. Springer |
| 12 | Bouchelligua, W., Mezhoudi, N. , Mahfoudhi, A., Daassi, O., & Abed, M. | An MDE Parameterized Transformation for Adaptive User Interfaces | In Intelligent Interactive Multimedia Systems and Services. Springer Berlin Heidelberg. |

Completed/Ongoing Research Projects

| # | Name of Investigator(s) (Supported by) | Research Title | Report Date |
|---|--|--|-------------|
| 7 | DSR 19: IAU | Improving Readiness of Youth to Enter the Labor Market (Education for Employment):How and What Factors Influence Employment / Unemployment among IAU (CCIST-female) students | 2019-2020 |
| 6 | Shamah center-IAU | Sleak: Smart Learning environment for autistic kids | 2018-2019 |
| 5 | IRIT | ModelAGE | 2017 |
| 4 | NCP Wallonie, GreenTIC | Jonum | 2014-2016 |
| 3 | W3C Working Group | MBUI - Abstract User Interface Models | 2014 |
| 2 | European commission FP7 | Serenoa | 2012-2014 |
| 1 | ITEA2 project | Usixml | 2012-2013 |

Current Researches

| # | Research Title | Name of Investigator(s) |
|---|---|-------------------------|
| 1 | Agile UI context-awareness | Nesrine Mezhoudi |
| 2 | Smart learning environment for autistic kids | Nesrine Mezhoudi et al. |
| 3 | Intelligent Runtime Adaptation of Model Based UIs | Nesrine Mezhoudi |
| 4 | Multimodal Interactive systems in the support of accessibility | Nesrine Mezhoudi |

Membership of Scientific and Professional Societies and Organizations

- **W3C Working Group**
- **Associate Researcher at Louvain Interaction Lab**
- **Arab Women In Computing**
- **« IHM dans le domaine de la Santé » Working Group**

Teaching Activities

Brief Description of Undergraduate Courses Taught:

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|-------------------------------|
| System Analysis and Design |
| Senior Project |
| Management Information System |
| OO Analysis and design |
| Professional responsibility |
| Knowledge Management |
| Information Retrieval |
| Data Base Management |
| Artificial Intelligence |

Co-Supervision of Master and/or PhD Thesis

| # | Degree Type | Title | Institution | Date |
|---|-------------|--|--------------------------------------|------|
| 1 | Master | User Interface Adaptation by User Feedback, by Romain van Vooren | Catholic University of Louvain | 2013 |
| 2 | Master | Web site Adaptation based on the User Feedback, by Nicolas Forêt | EPL - Catholic University of Louvain | 2013 |

Administrative Responsibilities, Committee and Community Service

Committee Membership

| # | From | To | Position | Organization |
|---|------|---------|----------|---|
| 1 | 2017 | 2018 | Member | Postgraduate Committee |
| 2 | 2017 | Present | Member | Scientific Research Committee |
| 3 | 2017 | Present | Member | Promotion Requirements Checking Committee |
| 4 | 2017 | 2018 | Member | Co-op Training Committee |

| | | | | |
|---|------|---------|--------|---------------------------------|
| 5 | 2017 | Present | Member | Graduation Project Committee |
| 6 | 2019 | Present | Member | Undergraduate Program dvp unit |
| 7 | 2019 | Present | Member | CIS Program Quality Unit (ABET) |

Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

| | |
|---|---------------------------------|
| 1 | HCI |
| 2 | Intelligent User Interfaces |
| 3 | UI Context-awareness |
| 4 | ASD Learning environment |
| 5 | User centeredness |
| 6 | Research Project Administration |

References

Prof. Jean Vanderdonckt

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Prof. Manuel Kolp

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Last Update

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