

Academic Resume



Ahmed HARBAOUI

Assistant Professor, Computer Science Department

Ahmed HARBAOUI is an Assistant Professor with the Computer Science Department of the Faculty of Computing and Information Technology. Ahmed received his Phd in Computer Science from Grenoble Institute of Technology (Grenoble INP) and Orange Labs in 2011. He received his Master degree in Computer Science from University of Lorraine and INRIA in 2006. He received his National Diploma of Engineer in Computer Science from National School for Computer Science in Manouba University in 2004.

Contact Information.

Building 31, Room 148, Add. Burj Street, King Abdul-Aziz University, Jeddah, aharbaoui@kau.edu.sa.

Highest Degree.

2011, Ph.D, Distributed Systems, Grenoble Institute of Technology and Orange Labs, France.

Academic and Professional Experiences.

1. **2019 - Present**
Assistant Professor, king abdulaziz university, Jeddah, Saudi Arabia Kingdom.
2. **2016 - 2018**
Assistant Professor, Higher institute of multimedia arts of Manouba, Manouba, Tunisia.
3. **2012 - 2016**
Assistant Professor, Higher Institute of Computer Science of Mahdia, Mahdia, Tunisia.
4. **2010 - 2011**
Lecturer, IUT2 University Institute of Technology, Grenoble, France.
5. **2009 - 2010**
Lecturer, Higher School of Engineer Polytech, Grenoble , France.
6. **2006 - 2009**
Research Engineer, France Telecom Research and development (orange Labs, MAPS Project), Grenoble, France.
7. **2006 - 2006**
Research Engineer, INRIA Lorraine (LORIA, ALGORILLE TEAM), Nancy, France.
8. **2005 - 2006**
Lecturer, Nancy 2 University, France.
9. **2004 - 2005**
Computer science engineer, E-Vision, Tunisia.
10. **2004 - 2004**
Lecturer, Khwarezmi center, Tunisia.

Research Interests.

Internet Of Things and intelligent systems, Performance evaluation of distributed system, Tests and Benchmarking, Autonomic computing.

Teaching Interests.

Computer Organization and Architecture, Programming Languages, Data Structures, Applied Math for Computing.

Certifications and Trainings.

1. Trainer at 3wacademy training center : training for full stack web development.
2. Linux certification training LPI 101 and LPI 102 (Certification LPIC1).
3. Training Workshop on "scientific debates in higher education, Grenoble, France.
4. Computer Security Training: Juniper Netscreen Firewalls (Addressing and Configuration and VPN) in NCS and TELECOM.

Social, Scientific and Professional Affiliation.

1. 2015-2016, Committee Member of Professional Master ASSR (Administration and Security Systems and Networks), Higher Institute of Computer Science of Mahdia.
2. 2013-2016, Member of the Scientific Council, Higher Institute of Computer Science of Mahdia.
3. 2014-2016, CISCO Networking Academy Program Coordinator, Higher Institute of Computer Science of Mahdia.

Excellence Awards and Patents.

1. 2010, International, Best Paper Award, The Sixth International Conference on Autonomic and Autonomous Systems, Cancun, Mexico.

Funded Projects.

1. 2007, Selfware Project: Deployment & configuration of autonomous distributed systems, INRIA
2. 2006, Selfman Project: Self Management for Large-Scale Distributed Systems, INRIA
3. 2009, SelfXL ANR Project: Self-management of complex and Large scale systems, Grenoble Computer Science Laboratory

Publications.

1. Abdullah Barghash, Ahmed Harbaoui, "A Proposed Approach For Motif Finding Problem Solved On Heterogeneous Cluster With Best Scheduling Algorithm", International Journal Of Advanced Computer Science And Applications, vol: 14, 2023.
DOI: [10.14569/IJACSA.2023.01405105](https://doi.org/10.14569/IJACSA.2023.01405105)
2. Ahmed Bannour, Ahmed Harbaoui, Fawaz Alsolami, "Connected Objects Geo-Localization Based On Ssrp Of 5g Networks", Electronics, vol: 10, pp. 2750, 2021.
DOI: [10.3390/electronics10222750](https://doi.org/10.3390/electronics10222750)
3. Chiranjeevi Karri, Omar Cheikhrouhou, Ahmed Harbaoui, Atef Zaguia, Habib Hamam, "Privacy Preserving Face Recognition In Cloud Robotics: A Comparative Study", Applied Sciences, vol: 11, pp. 6522, 2021.
DOI: [10.3390/app11146522](https://doi.org/10.3390/app11146522)
4. Alain Tchana, Bruno Dillenseger, Noel De Palma, Xavier Etchevers, Jean-Marc Vincent, Nabila Salmi, Ahmed Harbaoui, "A Self-Scalable And Auto-Regulated Request Injection Benchmarking Tool For Automatic Saturation Detection", Ieee Transactions On Cloud Computing, vol: 2, pp. 279-291, 2014.
DOI: [10.1109/TCC.2014.2321169](https://doi.org/10.1109/TCC.2014.2321169)
5. Alain Tchana, Bruno Dillenseger, Noel De Palma, Xavier Etchevers, Jean-Marc Vincent, Nabila Salmi, Ahmed Harbaoui, "Self-Scalable Benchmarking As A Service With Automatic Saturation Detection", Middleware 2013, Middleware 2013, vol: 8275, pp. 389-404, 2013.
DOI: [10.1007/978-3-642-45065-5_20](https://doi.org/10.1007/978-3-642-45065-5_20)
6. Nabila Salmi, Ahmed Harbaoui, Bruno Dillenseger, Jean-Marc Vincent, "Model-Based Performance Anticipation In Multi-Tier Autonomic Systems: Methodology And Experiments", International Journal On Advances In Networks And Services, 2010, Vol 3, No 3 And 4., 2010.
7. Ahmed Harbaoui, Nabila Salmi, Bruno Dillenseger, Jean-Marc Vincent, "Introducing Queuing Network-Based Performance Awareness In Autonomic Systems", 2010 Sixth International Conference On Autonomic And Autonomous Systems (Icas), pp. 7-12, 2010.
DOI: [10.1109/ICAS.2010.9](https://doi.org/10.1109/ICAS.2010.9)
8. Ahmed Harbaoui, Nabila Salmi, Bruno Dillenseger, Jean-Marc Vincent, "Achieving Automatic Performance Modelling Of Black Boxes For Self-Sizing.", The Fourth Workshop On Hot Topics In Autonomic Computing (Hotac Iv) Juin 2009 Barcelona, Spain., 2009.
9. Ahmed Harbaoui, Bruno Dillenseger, Jean-Marc Vincent., "Performance Characterization Of Black Boxes With Self-Controlled Load Injection For Simulation-Based Sizing.", Cfse&R'squo;2008 Fribourg, Switzerland., 2008.