



JAVID TAHERI

Associate Professor & Docent

Department of Computer Science, Karlstad University, Sweden

☎ +46 722 80 20 67 ☎ +46 54 700 2429 ✉ javid.taheri@kau.se

🌐 <https://sites.google.com/site/javidtaheri75/home>

📄 <https://scholar.google.co.uk/citations?user=QTNsnbAAAAAJ>

Academic Positions

- Associate Professor: Department of Computer Science, Karlstad University, Sweden. 2015–present
- Research Fellow: School of Information Technologies, University of Sydney, Australia. 2007–2015
- Part-time Lecturer, School of Information Technologies, University of Sydney, Australia. 2007–2015
- Adjunct Lecturer: School of Computing and Mathematics, Charles Sturt University, Australia. 2013–2017

Education

- Ph.D. of Information Technologies, School of Information Technologies, University of Sydney, Australia. 2003–2007
- Graduate Certificate in Educational Studies (Higher Education), University of Sydney, Australia. 2013–2014
- M.Sc. of Electrical Engineering, Sharif University of Technology, Tehran, Iran. 1998–2000
- B.Sc. of Electrical Engineering, Sharif University of Technology, Tehran, Iran. 1993–1998

Honours

- Wilkes Award from OXFORD ACADEMIC: The Computer Journal 2018
- Selected as one of the top 200 young researchers in the world in Mathematics and Computer Science by the Heidelberg Laureate Forum, Germany. 2013
- Recipient of International Postgraduate Research Scholarship (IPRS) from the Australian Department of Education and Training. 2003
- Recipient of the Full Stipend PhD Scholarship from University of Sydney. 2003
- Recipient of the Top-up scholarship from the School of Information Technologies, University of Sydney. 2003
- Ranked 9th among $\approx 10,000$ in Iranian national university entrance exam for the M.Sc. program. 1998
- Ranked 12th among $\approx 100,000$ in Iranian national university entrance exam for the B.Sc. program. 1993

Research Experience

- Associate Professor & Docent, Research in Cloud Computing, KaU, Sweden. 2015–present
- Research Fellow in Clouds Computing, University of Sydney, Australia. 2012–2015
- Research Fellow in Grid/Cloud Computing, University of Sydney, Australia. 2009–2012
- Research Fellow in Networking, National ICT of Australia. 2008–2009
- Postdoctoral Research in Bioinformatics, University of Sydney, Australia. 2006–2008

Teaching Experience

- Lecturing at Department of Computer Science, Karlstad University, Sweden. 2015–present
- Lecturing at School of Information Technologies, University of Sydney, Australia. 2008–2013
- Tutoring at School of Information Technologies, University of Sydney Australia. 2004–2005
- Tutoring at different universities, Iran and Australia. 1998–2004

Funds and Grants (five omitted due to page limitation)

- WISIR17: Web-based Courses for International Positioning of Strategic Research Groups 3Y: 2018–2020
Work Package Collaborator, KK-stiftelsen(KKS)-NU17, 6.38m SEK \approx €638k (5.7m SEK \approx €570k funded by KKS)
- HITS: High Quality Networked Services in a Mobile World 6Y: 2014–2020
Work Package Leader since 2017, KK-stiftelsen(KKS)-Profile, 76m SEK \approx €7.6m (36m SEK \approx €3.6m funded by KKS)
- MACoMEC: Collaborative Mobility-Aware Computation Offloading for Mobile Edge Computing 1Y:2017-2018
Principal Investigator, STINT Initiation Grant, 726k SEK \approx €75k (150k SEK \approx €16k funded by STINT)
- NFV-Optimizer: Profiling Network Virtualized Functions and Optimizing their Performance 3Y:2017–2019
for Telecom Clouds.
Principal Investigator, KK-stiftelsen(KKS)-HÖG, 14.05m SEK \approx €1.4m (4.75m SEK \approx €481k funded by KKS)

- Contention-Aware Scheduling in Cloud Data Centres 3Y:2016–2018
Principal Investigator, Australian Research Council (ARC): Industry Linkage Grant, A\$574.9k \approx €400k
- Holistic Energy-Aware Scheduling for Distributed Computing Systems 5Y:2010–2014
Work Package Leader, Australian Research Council (ARC): Discovery Grant, A\$930k \approx €657k
- Replica Placement in Data-intensive Distributed Computing Systems 3Y:2010–2012
Work Package Leader, Australian Research Council (ARC): Discovery Grant, A\$250k \approx €176k
- Protein Secondary Structure Prediction 1 1Y:2008
Principal Investigator, University of Sydney Deputy Vice-Chancellor: Early Career Research Scheme, A\$40k \approx €27.8k

Professional Leadership and Editorships

- Examiner/reviewer for various grant and funding agencies (Australia, Sweden, Canada, etc.) Since 2015
- Conference organising committee/chair of 19 respected Conferences (P2Mnet, CloudCom, ISPA, etc.) Since 2013
- Journal/book guest/associate editor (IET, John Wiley & Sons, Hindawi, etc.) Since 2010
- Examiner for postgraduate theses (USyd, KTH, Lund, Umeå, TUW, etc.) Since 2008
- Journal Reviewer for >40 respected Journals (IEEE, Elsevier, John Wiley, Springer, etc.) Since 2007
- Conference technical program committee of >60 conferences (IEEE NFV-SDN, iThings, GlobeCom, etc.) Since 2006

Research and Teaching Interests

- Edge/Fog/Cloud Computing
- Parallel/Distributed Computing
- Networking
- Artificial Intelligence
- Algorithms

Publications

	Total	Since 2013		Total	Since 2013
Edited book	: 1	1	Citation count	: 1596	1219
Book chapters	: 20	10	h-index	: 21	18
Journal articles	: 39	24	i10-index	: 46	37
Conference papers	: 66	17			
Technical reports	: 9	0			

Pedagogical/Industrial Certificates

- VCP5-DCV: VMware Certified Professional 5 – Data Center Virtualization. 2014
- VCP5-DT: VMware Certified Professional 5 – Desktop. 2014
- VCP5-Cloud: VMware Certified Professional 5 – Cloud. 2014
- Microsoft Azure for Research Training. 2014
- CCNA: Cisco Certified Network Associate. 2013
- Principles and Practice of University Teaching and Learning, University of Sydney. 2013
- Foundations of Research Supervision, University of Sydney. 2013
- IBM Certified Academic Associate: DB2 Academic Training. 2012

Student Supervision (PhD/Masters/Honors)

- Graduated students: 8 PhDs, 5 Masters/Honours, 4 Bachelors
- Current students: 6 PhDs

Selected Publications

- [1] I. Casas, **J. Taheri**, R. Ranjan, and A. Zomaya, "GA-ETI: An Enhanced Genetic Algorithm for the Scheduling of Scientific Workflows in Cloud Environments," *Journal of Computational Science*, pp. 318–331, 2018
- [2] S. Nabavi, P. Watson, **J. Taheri**, S. Nepal, and A. Zomaya, "Privacy-Aware Scheduling SaaS in High Performance Computing Environments," *IEEE Transactions on Parallel and Distributed Systems*, vol. 28, pp. 1176–1188, 2017
- [3] S. Deng, L. Huang, **J. Taheri**, J. Yin, M. Zhou, and A. Zomaya, "Mobility-Aware Service Composition in Mobile Communities," *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, vol. 47, pp. 555–568, 2017
- [4] F. Ramezani, J. Lu, **J. Taheri**, and A. Zomaya, "A Multi-Objective Load Balancing System for Cloud Environments," *The Computer Journal*, vol. 60, pp. 1316–1337, 2017
- [5] I. Casas, **J. Taheri**, R. Ranjan, L. Wang, and A. Zomaya, "A Balanced Scheduler with Data Reuse and Replication for Scientific Workflows in Cloud Computing Systems," *Future Generation Computer Systems*, vol. 74, pp. 168–178, 2017