

CURRICULUM VITAE

Name Asma A. Abdel-Karim

Academic Rank Lecturer

Position Full-time instructor at Computer Engineering Department

Address Faculty of Engineering and Technology
The University of Jordan, Amman 11942 – Jordan
E-mail : asma_abdelkarim@hotmail.com

Education

M.Sc. **2012, The University of Jordan, Amman, Jordan, Computer Engineering and Networks, Thesis: Auto-tuning Data Structures of Sparse Matrix-vector Multiplication on Graphics Processing Units.**

B.Sc. **2008, The University of Jordan, Amman, Jordan, Computer Engineering.**

Publications

W. Abu-Sufah and A. Abdel-Karim, “Auto-tuning of Sparse Matrix-Vector Multiplication on Graphics Processors”, ISC2013, J.M. Kunkel, T. Ludwig, and H. Meuer , eds., vol. 7905 of Lecture Notes in Computer Science, Springer, Berlin/Heidelberg, 2013, pp. 151-164.

W. Abu-Sufah and A. Abdel-Karim, “An Effective Approach for Implementing Sparse Matrix-Vector Multiplication on Graphics Processing Units”, Proceedings of the 14th IEEE International Conference on High Performance Computing and Communications (HPCC-2012), Liverpool, UK, June 2012, pp. 453-460, DOI 10.1109/HPCC.2012.68.

Certificates

CCNA (Cisco Certified Network Associate)