Curriculum Vitae

Name   *Hanaa TORKEY*

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Profile:

I am a PhD student at Virginia Tech University. I graduated in May 2005 from Faculty of Electronic Engineering, Monofyia University. I finished my **M.Sc.** degree in Electronic Engineering specialized Computer Science and Engineering, titled "***Evaluation and Enhancement of End-to-End Congestion Control Protocol***" in **January 2009**. I have years experience as assistance lecturer for department of Computer Science and Engineering, faculty of Electronic Engineering.

Academic Information:

2011- Now   **PhD Student** – Computer Science department, Virginia Tech University

2009   **M.Sc.** – M.Sc. in Electronic engineering, specialized computer science and engineering. Dept. of Computer Science and Engineering, Faculty of Electronic Engineering,

Title "Evaluation and Enhancement of End-to-End Congestion Control Protocol"

2006   **One** year theoretical study in computer science and engineering.

2005   **B.Sc.** – B.Sc. degree in Electronic Engineering, Dept. of Computer Science and Engineering, Faculty of Electronic Engineering, Monofyia University.

Experiences:

Academic Education

2009- 2011*:*   **Assistance Lecturer,** Dept. of Computer Science and Engineering, Faculty of Electronic Engineering, Menofia University, EGYPT.

2006-2008:   **Demonstrator**, Dept. of Computer Science and Engineering, Faculty of Electronic Engineering, Menofia University, EGYPT.

2008:   Cisco CCNA Instructor Certification

2005:   **Graduate Project (Information Center Database System),** Dept. of Computer Science and Engineering, Faculty of Electronic Engineering, Menofia University, EGYPT.

Research Interest:

- Computational Biology and Bioinformatics.
- Bayesian Network Statistics and Inference
- Heuristic Search Algorithms.
- Computer systems, simulations design.
- Computer Networks and network protocols
- TCP Congestion Avoidance and control.

Publications :

1. Hanaa Torkey, Gamal Attiya, Ibrahim Z. Morsi, "Modified Fast Recovery Algorithm for Performance Enhancement of TCP-NewReno", International Journal of Computer Applications, Vol 40 – No.12, 2012.

2. **Hanaa A. Torkey,** Gamal M. Attiya, and I. Z. Morsi "Enhanced Fast Recovery Mechanism for improving TCP NewReno", The 18th International Conference on Computer Theory and Applications ICCTA, October 2008.

3. **Hanaa A. Torkey**, Gamal M. Attiya, and I. Z. Morsi "Performance Evaluation of End-to-End Congestion Control Protocols", Menoufia Journal of Electronic Engineering Research (MJEER), July 2008.

Attended Conferences:

October 2008   The 18th International Conference on Computer Theory and Applications ICCTA 2008.

Computer Skills:

Operating Systems   Dos, Windows, Linux.

Programming Languages   **C/C++, OO/C#, Java**, Oracle, TCL, Perl, and AWK.

Computer Networks: LAN (Ethernet), Network Simulator (NS-2), CCNA.

Additional Information:

Languages   **Arabic:** Mother tongue
                 English: Very Good