Dr. Hassan Gomaa
Professor
Department of Computer Science
George Mason University

Ph.D. Students

Graduated:

Dissertation Director for following research students who graduated with Ph.D. degree in Information Technology:

- Vijayan Sugumaran. Dissertation topic: "A Knowledge Based Approach for Generating Target Systems from a Domain Model", Spring 1993 (with Dr. L. Kerschberg).

- Elizabeth O'Hara-Schettino. Dissertation topic: "Dynamic Navigation Among Multiple View Specifications and Designs", Fall 1993.

- Kevin Mills. Dissertation topic: "Automatic Generation of Concurrent Designs for Real-Time Software", Fall 1995.

- Ghulam Farrukh. Dissertation topic: "A Method and Software Engineering Environment for Configuring Applications from Reusable Specifications and Architectures", Spring 1998.

- Brian Blake. Dissertation topic: "Agent-Based Workflow Modeling for Distributed Component Configuration and Coordination", Fall 2000.

- Diana Webber. Dissertation topic: "The Variation Point Model for Software Product Lines", Fall 2001.

- Eonsuk (Michael) Shin. Dissertation topic: Evolution in Multiple-View Models of Software Product Families", Spring 2002.

- Mohammed Hussein. Dissertation topic: A Software Architecture-based Method and Framework for the Design of Dynamically Reconfigurable Product Line Software Architectures, Spring 2003.

- Robert Pettit. Dissertation topic: Analyzing Dynamic Behavior of Concurrent Object-Oriented Software Designs, Spring 2003.

- Mark Gianturco. Dissertation topic: Pattern-Based Modeling and Application Generation for Web-Based Software Product Lines, Spring 2004.

- Mazen Saleh, Dissertation topic: Software Product Line Engineering based on Web Services, Spring 2005.

- Erika Olimpiew, Dissertation topic: Model-Based Testing for Software Product Lines, Spring 2008.

- Julie Street Fant, Dissertation topic: An Approach to Building Domain Specific Software Architectures from Software Architectural Design Patterns, Summer 2011.

- Mohammad Abu-Matar, Dissertation topic: Model Driven Service Oriented Architecture Variability Modeling, Fall 2011

Current Students: E. Albassam, J. Porte (with Dr. D. Menasce), V. Tzeremes, R. Pitts