

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

Ph.D. Students

Graduated:

Supervised following research students who graduated with Ph.D. 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 M. 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.

Current Students

- Dissertation director for following Ph.D. students: M. Abu-Matar, O. Bubak.