

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

Ph.D. Students

Dissertation Director for following research students who graduated with Ph.D. degrees:

- Vijayan Sugumaran. Dissertation topic: "A Knowledge Based Approach for Generating Target Systems from a Domain Model", Graduated Spring 1993 (jointly advised with Dr. Larry Kerschberg).
- Elizabeth O'Hara-Schettino. Dissertation topic: "Dynamic Navigation Among Multiple View Specifications and Designs", Graduated Fall 1993.
- Kevin Mills. Dissertation topic: "Automatic Generation of Concurrent Designs for Real-Time Software", Graduated Fall 1995.
- Ghulam Farrukh. Dissertation topic: "A Method and Software Engineering Environment for Configuring Applications from Reusable Specifications and Architectures", Graduated Spring 1998.
- Brian Blake. Dissertation topic: "Agent-Based Workflow Modeling for Distributed Component Configuration and Coordination", Graduated Fall 2000.
- Diana Webber. Dissertation topic: "The Variation Point Model for Software Product Lines", Graduated Fall 2001.
- Eonsuk (Michael) Shin. Dissertation topic: Evolution in Multiple-View Models of Software Product Families", Graduated Spring 2002.
- Mohammed Hussein. Dissertation topic: A Software Architecture-based Method and Framework for the Design of Dynamically Reconfigurable Product Line Software Architectures, Graduated Spring 2003.
- Robert Pettit. Dissertation topic: Analyzing Dynamic Behavior of Concurrent Object-Oriented Software Designs, Graduated Spring 2003.
- Mark Gianturco. Dissertation topic: Pattern-Based Modeling and Application Generation for Web-Based Software Product Lines, Graduated Spring 2004.
- Mazen Saleh, Dissertation topic: Software Product Line Engineering based on Web Services, Graduated Spring 2005.
- Erika Olimpiew, Dissertation topic: Model-Based Testing for Software Product Lines, Graduated Spring 2008.
- Julie Street Fant, Dissertation topic: An Approach to Building Domain Specific Software Architectures from Software Architectural Design Patterns, Graduated Summer 2011.
- Mohammad Abu-Matar, Dissertation topic: Model Driven Service Oriented Architecture Variability Modeling, Graduated Fall 2011.
- Vasilios Tzeremes, Dissertation topic: End User Software Product Line Support for Smart Spaces, Graduated Fall 2016.

- Emad Albassam, Dissertation topic: A Model-Based Approach for Self-Healing and Self-Configuration in Component-Based Software Systems, Graduated Spring 2017.
- Jason Porter, Dissertation topic: Decentralized Runtime Architecture Discovery and Testbed for Adaptation and Failure Recovery of Large Dynamic Distributed Systems (jointly advised with Dr. Daniel Menasce), Graduated Spring 2018.