

Jeremy C. Maxwell

Ph.D. Student
North Carolina State University
Department of Computer Science
890 Oval Drive Raleigh, NC 27695

Education

Ph.D. in Computer Science

North Carolina State University, Raleigh, NC
Thesis Area: Production Rule Modeling of Regulatory Texts
Target Graduation Date: May 2012
Advisor: Dr. Annie I. Antón

M.S. in Computer Science (anticipated in December 2009)

North Carolina State University, Raleigh, NC

B.S. in Computer Science (2007)

Florida Gulf Coast University, Fort Myers, FL

Publications

Conference Papers

Maxwell, J.C., and Antón, A.I., "Developing Production Rule Models to Aid in Acquiring Requirements from Legal Texts", *Proc. of the 17th Intl. IEEE Conf. on Requirements Engineering*, Aug 31-Sep. 4, 2009.

Workshop Papers

Maxwell, J.C., and Antón, A.I., "Validating Existing Requirements for Compliance with Law Using a Production Rule Model", *Proc. of the 2nd Intl. Workshop on Requirements Engineering and Law, RELAW09*, Sep. 1, 2009.

Professional Associations

Association of Computing Machinery, student membership since 2008.

Related Work Experience

Research Assistant to Dr. Annie I. Antón (Fall 2008-Present)

Software Developer Intern, Retail Support Solutions, IBM, Research Triangle Park (Summer 2008)

Primary responsibility included development of tool support and update of legacy system for development and customer support teams. Job tasks included oversight of entire development cycle, including: requirements elicitation & management; design; code base implementation; unit, system & beta testing; and deployment & training.

Staff Support for NC State University Public Policy Task Force (Spring 2008)

Primary responsibility included providing staff support for the NCSU *Public Policy Task Force*. Job tasks included assistant to task force chair, Dr. Annie I. Antón, taking meeting minutes, coordinating meeting schedules, compilation of inventory information and maintenance of task force website.

Teaching Assistant, Introduction to C++ (Fall 2007-Spring 2008)

Primary responsibilities included holding office hours, email and message board support, maintaining course website and grade book, grading projects and homework assignments and proctoring and grading tests.

Math Lab Instructor, Intermediate Algebra (Fall 2005, Fall 2006)

Primary responsibilities included direct instruction to students in a classroom setting, grading and proctoring student quizzes and exams. Worked in conjunction with lecture professors to synchronize lessons, teaching styles, exams and examples as a member of an instructional team.

Technical Skills

- Proficient in Java.
- Familiar with: C++; C# and the Microsoft .NET Framework; Microsoft Pex testing framework; Prolog; XML; SQL related technologies including JDBC, MySQL, PostgreSQL and MS SQL Server; Java Swing GUI development; Web Programming Languages including HTML, ASP, PHP and JavaScript.
- Development Platforms: Eclipse; Microsoft Visual Studio.
- Operating Systems: Microsoft Windows XP; Linux; Unix.

Graduate Coursework

- Analysis of Algorithms
- Computer Networks
- Knowledge-Based Systems
- Software Engineering
- Requirements Engineering (Audit)
- Human-Computer Interaction
- Computer and Network Security

- Software Testing
- Data Privacy, Laws, and Technology
- Automata, Languages, and Computability Theory

GPA through Spring 2009: 3.92

References

Available upon request.